



伸勇集團
成育科技股份有限公司
AMODE TECH.LTD.

一体成型电感系列目录
ACDMR系列
(2026年)

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Catalog of Products

Size (mm)	P/N	Inductance (uH)	Page
1.0*0.5*0.5	ACDMR100505HC	0.47uH	<u>6</u>
1.0*0.5*0.6	ACDMR100506HC	0.47-1.0uH	<u>7</u>
1.0*0.5*0.65	ACDMR1005065HC	0.47uH	<u>8</u>
1.0*0.7*0.65	ACDMR1007065FHC	1.5-2.6uH	<u>9</u>
1.2*1.0*0.65	ACDMR1210065HC	2.2uH	<u>10</u>
1.4*1.2*0.65	ACDMR1412065HC	0.1-0.47uH	<u>11</u>
1.4*1.2*0.8	ACDMR141208HC	0.1-4.7uH	<u>12</u>
1.6*0.8*0.6	ACDMR160806HC	0.1-4.7uH	<u>13</u>
1.6*0.8*0.65	ACDMR1608065HC	0.22-2.2uH	<u>14</u>
1.6*0.8*0.8	ACDMR160808HC	0.18-10uH	<u>15</u>
2.0*1.2*0.65	ACDMR2012065HC	0.15-10uH	<u>16</u>
2.0*1.2*0.8	ACDMR201208(E)HC	0.11-10uH	<u>17</u>
2.0*1.2*1.0	ACDMR201210HC	0.1-10uH	<u>18</u>
2.0*1.2*1.2	ACDMR201212HC	0.11-10uH	<u>19</u>
2.0*1.6*0.6	ACDMR201606HC	2.2-4.7uH	<u>20</u>
2.0*1.6*0.65	ACDMR2016065HC	0.47-10uH	<u>21</u>
2.0*1.6*0.8	ACDMR201608(E)HC	0.22-10uH	<u>22</u>
2.0*1.6*1.0	ACDMR201610(E)HC	0.1-22uH	<u>23</u>
2.0*1.6*1.2	ACDMR201612HC	0.1-10uH	<u>24</u>
2.5*2.0*0.8	ACDMR252008(E)HC	0.47-10uH	<u>25</u>
2.5*2.0*1.0	ACDMR252010HC	0.1-22uH	<u>26</u>
2.5*2.0*1.2	ACDMR252012(E)HC	0.1-22uH	<u>27</u>
3.2*2.5*1.0	ACDMR322510HC	0.22-10uH	<u>28</u>
3.2*2.5*1.2	ACDMR322512HC	0.1-18uH	<u>29</u>
3.2*2.5*2.0	ACDMR322520HC	0.1-22uH	<u>30</u>
3.0*3.0*1.0	ACDMR0310FHC	1.0-10uH	<u>31</u>
3.1*3.1*1.0	ACDMR0310Q	4.7-10uH	<u>32</u>
3.0*3.0*1.2	ACDMR0312FHC	0.1-15uH	<u>33</u>
3.0*3.0*1.5	ACDMR0315FHC	0.15-22uH	<u>34</u>
3.0*3.0*2.0	ACDMR0320FHC	0.1-15uH	<u>35</u>
4.0*4.0*0.8	ACDMR0408HC	10uH	<u>36</u>
4.1*4.1*1.0	ACDMR0410Q	2.2-10uH	<u>37</u>
4.0*4.0*1.0	ACDMR0410(HC)ZZ	1.0-10uH	<u>38</u>
4.1*4.1*1.2	ACDMR0412Q	2.2-10uH	<u>39</u>
	ACDMR0412HC	0.47-22uH	<u>40</u>
4.1*4.1*1.2	ACDMR0412UHC	0.22-0.47uH	<u>41</u>



Catalog of Products

Size (mm)	P/N	Inductance (uH)	Page
4.1*4.1*1.5	ACDMR0415U(G)HC	0.1-1.0uH	42
4.4*4.2*2.0	ACDMR0420M	0.1-22uH	43
4.1*4.1*2.0	ACDMR0420HC	0.47-22uH	44
4.1*4.1*2.0	ACDMR0420UHC	0.1-3.3uH	45
4.1*4.1*3.0	ACDMR0430HC	0.33-47uH	46
4.1*4.1*3.0	ACDMR0430UGHC	0.47-6.8uH	47
5.2*5.0*1.2	ACDMR0512GHC	0.1-1.0uH	48
5.5*5.18*1.5	ACDMR0515MW	0.47-10uH	49
	ACDMR0515TW	0.15-10uH	50
5.4*5.2*1.8	ACDMR0518M	0.47-10uH	51
5.5*5.18*2.0	ACDMR0520MW	0.1-10uH	52
	ACDMR0520TW	0.1-10uH	53
5.2*5.0*2.0	ACDMR0520GHC	0.68-2.2uH	54
5.2*5.0*2.4	ACDMR0524GHC	2.2uH	55
5.2*5.0*2.8	ACDMR0528GHC	1.5-3.3uH	56
5.4*5.2*3.0	ACDMR0530M	0.1-10uH	57
5.2*5.0*3.0	ACDMR0530GHC	0.15-10uH	58
5.2*5.0*4.0	ACDMR0540GHC	1.0-22uH	59
6.1*6.1*1.0	ACDMR0610Q	2.2-10uH	60
6.1*6.1*1.2	ACDMR0612(A)Z	4.7-10uH	61
6.2*6.0*3.0	ACDMR0630GHC	0.15-10uH	62
6.2*6.0*4.0	ACDMR0640GHC	0.15-10uH	63
6.2*6.0*5.0	ACDMR0650GHC	1.5-8.2uH	64
6.2*6.0*6.0	ACDMR0660GHC	1.0-22uH	65
7.2*7.0*1.5	ACDMR0715GHC	0.68-10uH	66
7.0*6.6*1.8	ACDMR0718(A)M	0.1-22uH	67
7.4*6.6*2.0	ACDMR0720MW	0.1-6.8uH	68
	ACDMR0720TW	0.1-10uH	69
7.2*7.0*2.0	ACDMR0720GHC	1.5-2.2uH	70
7.4*6.6*2.4	ACDMR0724W	0.1-10uH	71
	ACDMR0724MW	0.47-10uH	72
	ACDMR0724TW	0.1-15uH	73
7.4*6.6*3.0	ACDMR0730W	0.1-33uH	74
	ACDMR0730MW	0.1-15uH	75
	ACDMR0730TW	0.1-22uH	76
7.2*7.0*3.0	ACDMR0730GHC	0.47-22uH	77

Catalog of Products

Model	P/N	Inductance (uH)	Page
7.4*6.6*4.0	ACDMR0740W	0.22-33uH	<u>78</u>
	ACDMR0740TW	0.15-22uH	<u>79</u>
7.2*7.0*4.0	ACDMR0740GHC	0.22-4.7uH	<u>80</u>
7.6*6.6*5.0	ACDMR0750W	0.1-100uH	<u>81</u>
	ACDMR0750MW	0.47-22uH	<u>83</u>
	ACDMR0750TW	0.47-47uH	<u>84</u>
7.2*7.0*5.0	ACDMR0750GHC	1.0-47uH	<u>85</u>
7.2*7.0*6.0	ACDMR0760GHC	4.7-6.8uH	<u>86</u>
9.2*8.0*3.0	ACDMR0830W	1.0-22uH	<u>87</u>
	ACDMR0830TW	0.22-33uH	<u>88</u>
9.2*8.0*4.0	ACDMR0840W	0.22-47uH	<u>89</u>
	ACDMR0840MW	0.1-47uH	<u>90</u>
	ACDMR0840TW	0.22-47uH	<u>91</u>
8.2*8.0*4.0	ACDMR0840GHC	10-15uH	<u>92</u>
9.2*8.0*5.0	ACDMR0850W	0.22-150uH	<u>93</u>
	ACDMR0850MW	1.0-33uH	<u>94</u>
	ACDMR0850TW	0.15-33uH	<u>95</u>
8.2*8.0*5.4	ACDMR0854GHC	1.0-10uH	<u>96</u>
10.5*10.3*3.0	ACDMR1030YW	0.12-10uH	<u>97</u>
	ACDMR1030TW	0.36-6.8uH	<u>98</u>
10.2*10.0*3.0	ACDMR1030GHC	3.3-10uH	<u>99</u>
10.5*10.3*4.0	ACDMR1040W	0.15-47uH	<u>100</u>
	ACDMR1040MW	0.15-33uH	<u>101</u>
	ACDMR1040TW	0.19-47uH	<u>102</u>
10.2*10.0*4.0	ACDMR1040GHC	0.47-22uH	<u>103</u>
10.5*10.3*5.0	ACDMR1050W	0.36-200uH	<u>104</u>
	ACDMR1050MW	0.15-68uH	<u>105</u>
	ACDMR1050TW	0.36-22uH	<u>106</u>
10.2*10.0*5.0	ACDMR1050GHC	1.0*22uH	<u>107</u>
10.5*10.3*6.0	ACDMR1060TW	3.3-10uH	<u>108</u>
10.2*10.0*6.0	ACDMR1060GHC	10uH	<u>109</u>
12.2*12.0*3.0	ACDMR1230GHC	1.0*2.2	<u>110</u>
12.2*12.0*6.0	ACDMR1260GHC	10-22uH	<u>111</u>
12.2*12.0*6.5	ACDMR1265GHC	3.3uH	<u>112</u>
13.2*12.6*3.5	ACDMR1335W	0.22-10uH	<u>113</u>
	ACDMR1335TW	0.1-10uH	<u>114</u>



Catalog of Products

Model	P/N	Inductance (uH)	Page
13.2*12.6*4.0	ACDMR1340W	0.22-10uH	<u>115</u>
13.2*12.6*5.0	ACDMR1350W	0.33-68uH	<u>116</u>
	ACDMR1350MW	0.33-22uH	<u>117</u>
	ACDMR1350TW	0.1-22uH	<u>118</u>
13.2*12.6*6.0	ACDMR1360W	0.47-100uH	<u>119</u>
	ACDMR1360MW	0.15-68uH	<u>120</u>
	ACDMR1360TW	0.33-15uH	<u>121</u>
13.2*12.6*6.5	ACDMR1365YW	0.47-400uH	<u>122</u>
	ACDMR1365MW	1.0-47uH	<u>124</u>
	ACDMR1365TW	0.15-68uH	<u>125</u>
18.0*17.15*7.0	ACDMR1770YW	1.0-350uH	<u>126</u>
	ACDMR1770TW	1.0-350uH	<u>127</u>
18.0*17.15*10.0	ACDMR1710TW	2.2-33uH	<u>128</u>
22.5*22.0*13.0	ACDMR2213MW	0.47-100uH	<u>129</u>

MECHANICAL DIMENSION

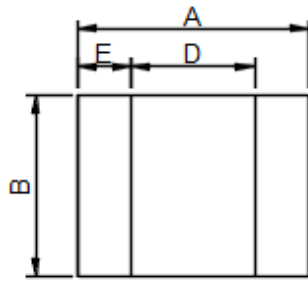
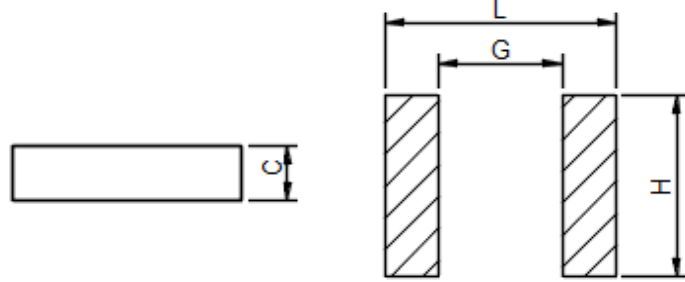


Fig 1



PAD LAYOUT

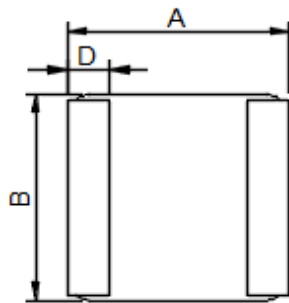


Fig 2

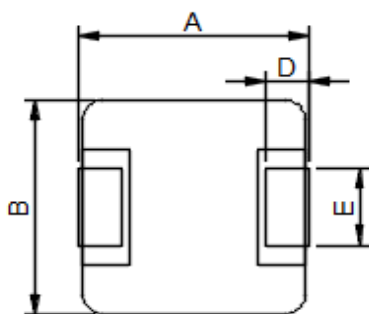
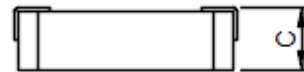
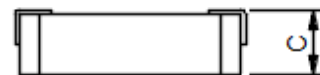


Fig 3





ACDMR100505HC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR100505HC	1.0±0.2	0.5±0.2	0.5 Max	0.4±0.2	1.2	0.3	0.6

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR100505HC-R47MT	0.47±20%	1M/1V	1.30	1.50	1.20	1.30	220	190



ACDMR100506HC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR100506HC	1.0±0.2	0.5±0.2	0.6 Max	0.4±0.2	1.2	0.3	0.6

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR100506HC-R47MT	0.47±20%	1M/1V	1.55	1.65	1.40	1.50	190	160
ACDMR100506HC-1R0MT	1.0±20%	1M/1V	1.05	1.15	0.80	1.00	320	280



ACDMR1005065HC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR1005065HC	1.0±0.2	0.5±0.2	0.65 Max	0.4±0.2	1.2	0.3	0.6

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR1005065HC-R47MT	0.47±20%	1M/1V	1.75	1.85	1.60	1.70	175	150



ACDMR1007065FHC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR1007065FHC	1.0±0.2	0.7±0.2	0.65 Max	0.4±0.2	1.1	0.3	0.8

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR1007065FHC- 1R5MT	1.5±20%	1M/1V	0.90	1.10	0.30	0.40	500	400
ACDMR1007065FHC- 2R2MT	2.2±20%	1M/1V	0.85	1.05	0.45	0.55	680	600
ACDMR1007065FHC- 2R6MT	2.6±20%	1M/1V	0.80	1.00	0.40	0.55	900	750



ACDMR1210065HC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR1210065HC	1.2±0.2	1.2±0.2	0.65 Max	0.4±0.2	1.3	0.3	1.1

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR1210065HC-2R2MT	2.2±20%	1M/1V	1.2	1.3	0.9	1.0	340	280



ACDMR1412065HC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR1412065HC	1.4±0.2	1.2±0.2	0.65 Max	0.5±0.2	1.50	0.40	1.30

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR1412065HC-R10MT	0.1±20%	1M/1V	6.5	7.0	6.0	6.5	16.5	13.5
ACDMR1412065HC-R15MT	0.15±20%	1M/1V	5.5	6.0	5.4	5.9	19.5	16
ACDMR1412065HC-R24MT	0.24±20%	1M/1V	5.0	5.5	6.0	6.5	27	23
ACDMR1412065HC-R33MT	0.33±20%	1M/1V	4.0	4.4	4.2	4.4	32	26
ACDMR1412065HC-R47MT	0.47±20%	1M/1V	3.0	3.4	2.7	3.0	45	37



ACDMR141208HC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR141208HC	1.4±0.2	1.2±0.2	0.8 Max	0.5±0.2	1.50	0.40	1.30

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR141208HC-R10MT	0.1±20%	1M/1V	8.0	8.5	7.5	8.0	14	11.5
ACDMR141208HC-R24MT	0.24±20%	1M/1V	5.7	6.0	3.7	4.1	27	22
ACDMR141208HC-R33MT	0.33±20%	1M/1V	5.0	5.3	3.5	4.0	28	23
ACDMR141208HC-R47MT	0.47±20%	1M/1V	4.2	4.6	3.3	3.8	35	29
ACDMR141208HC-R68MT	0.68±20%	1M/1V	3.2	3.5	3	3.5	57	51
ACDMR141208HC-1R0MT	1.0±20%	1M/1V	2.5	3.0	2.5	3.0	77	65
ACDMR141208HC-2R2MT	2.2±20%	1M/1V	1.7	1.9	1.8	2.0	225	200
ACDMR141208HC-3R3MT	3.3±20%	1M/1V	1.4	1.6	1.3	1.5	345	300
ACDMR141208HC-4R7MT	4.7±20%	1M/1V	1.2	1.3	1	1.1	530	465



ACDMR160806HC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR160806HC	1.6±0.2	0.8±0.2	0.6 Max	0.6±0.2	1.70	0.50	0.90

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR160806HC-R10MT	0.1±20%	1M/1V	6.0	6.5	6.0	6.5	20	16.5
ACDMR160806HC-R47MT	0.47±20%	1M/1V	2.8	3.1	2.4	2.6	70	60
ACDMR160806HC-1R0MT	1.0±20%	1M/1V	1.7	1.8	1.4	1.5	160	140
ACDMR160806HC-1R5MT	1.5±20%	1M/1V	1.5	1.6	1.2	1.3	240	210
ACDMR160806HC-4R7MT	4.7±20%	1M/1V	0.7	0.8	0.6	0.7	860	780



ACDMR1608065HC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR1608065HC	1.6±0.2	0.8±0.2	0.65 Max	0.6±0.2	1.70	0.50	0.90

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR1608065HC-R22MT	0.22±20%	1M/1V	4.5	5.0	3.5	4.0	43	35
ACDMR1608065HC-R47MT	0.47±20%	1M/1V	3.0	3.3	2.0	2.3	82	66
ACDMR1608065HC-1R0MT	1.0±20%	1M/1V	2.0	2.4	1.5	1.8	200	180
ACDMR1608065HC-2R2MT	2.2±20%	1M/1V	1.3	1.6	1.1	1.3	430	390



ACDMR160808HC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR160808HC	1.6±0.2	0.8±0.2	0.8 Max	0.6±0.2	1.70	0.50	0.90

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR160808HC-R18MT	0.18±20%	1M/1V	5.5	6.0	5.2	5.8	21	17
ACDMR160808HC-R22MT	0.22±20%	1M/1V	5.0	5.5	3.0	3.4	40	33
ACDMR160808HC-R24MT	0.24±20%	1M/1V	4.8	5.3	2.9	3.3	41	34
ACDMR160808HC-R33MT	0.33±20%	1M/1V	4.4	4.7	4.3	4.7	35	30
ACDMR160808HC-R47MT	0.47±20%	1M/1V	3.7	4.1	2.3	2.6	100	80
ACDMR160808HC-R56MT	0.56±20%	1M/1V	3.5	4.0	1.9	2.2	110	85
ACDMR160808HC-R68MT	0.68±20%	1M/1V	3.0	3.3	1.9	2.1	130	110
ACDMR160808HC-1R0MT	1.0±20%	1M/1V	2.6	3.0	1.8	2.1	200	180
ACDMR160808HC-1R5MT	1.5±20%	1M/1V	2.0	2.4	1.4	1.7	285	240
ACDMR160808GHC-2R2MT	2.2±20%	1M/1V	1.3	1.5	1.2	1.4	260	220
ACDMR160808HC-3R3MT	3.3±20%	1M/1V	1.2	1.4	0.9	1.0	600	500
ACDMR160808HC-4R7MT	4.7±20%	1M/1V	1.0	1.2	0.8	1.0	700	585
ACDMR160808HC-100MT	10.0±20%	1M/1V	0.7	0.8	0.45	0.5	1600	1450



ACDMR2012065HC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR2012065HC	2.0±0.2	1.2±0.2	0.65 Max	0.6±0.2	2.10	0.50	1.30

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR2012065HC-R15MT	0.15±20%	1M/1V	6.0	6.5	5.5	6.0	14	12
ACDMR2012065HC-R24MT	0.24±20%	1M/1V	4.8	5.1	4.5	4.8	20	17
ACDMR2012065HC-R33MT	0.33±20%	1M/1V	4.3	4.6	4.0	4.3	35	30
ACDMR2012065HC-R47MT	0.47±20%	1M/1V	3.8	4.1	3.5	3.8	44	37
ACDMR2012065HC-R68MT	0.68±20%	1M/1V	3.2	3.5	3.0	3.3	60	50
ACDMR2012065HC-1R0MT	1.0±20%	1M/1V	2.5	2.8	2.3	2.6	86	78
ACDMR2012065HC-1R5MT	1.5±20%	1M/1V	2.0	2.3	1.8	2.1	135	115
ACDMR2012065HC-2R2MT	2.2±20%	1M/1V	1.5	1.8	1.4	1.7	230	215
ACDMR2012065HC-4R7MT	4.7±20%	1M/1V	1.0	1.2	0.9	1.1	530	470
ACDMR2012065HC-100MT	10±20%	1M/1V	0.6	0.8	0.5	0.6	1500	1300



ACDMR201208(E)HC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR201208(E)HC	2.0±0.2	1.2±0.2	0.8 Max	0.6±0.2	2.1	0.5	1.3

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR201208HC-R11MT	0.11±20%	1M/1V	9.0	9.5	6.5	7.0	12	10
ACDMR201208HC-R15MT	0.15±20%	1M/1V	7.0	7.5	6.3	6.8	13	11
ACDMR201208HC-R24MT	0.24±20%	1M/1V	6.0	6.5	5.9	6.5	23	18
ACDMR201208HC-R33MT	0.33±20%	1M/1V	4.8	5.2	4.0	4.3	45	33
ACDMR201208HC-R47MT	0.47±20%	1M/1V	4.6	5.0	3.3	3.5	50	34
ACDMR201208HC-R68MT	0.68±20%	1M/1V	3.7	4.2	3.3	3.7	60	50
ACDMR201208HC-1R0MT	1.0±20%	1M/1V	3.5	4.0	2.9	3.3	70	55
ACDMR201208EHC-1R0MT	1.0±20%	1M/1V	2.8	3.2	2.8	3.2	55	48
ACDMR201208HC-1R5MT	1.5±20%	1M/1V	2.5	3.0	1.9	2.2	135	118
ACDMR201208HC-2R2MT	2.2±20%	1M/1V	2.3	2.6	1.8	2.2	185	160
ACDMR201208HC-3R3MT	3.3±20%	1M/1V	1.6	1.9	1.5	1.8	300	253
ACDMR201208HC-4R7MT	4.7±20%	1M/1V	1.4	1.6	1.5	1.7	325	285
ACDMR201208HC-6R8MT	6.8±20%	1M/1V	1.1	1.3	1.0	1.1	530	460
ACDMR201208HC-100MT	10±20%	1M/1V	0.8	0.9	0.7	0.8	800	700



ACDMR201210HC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR201210HC	2.0±0.2	1.2±0.2	1.0 Max	0.6±0.2	2.1	0.5	1.3

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR201210HC-R10MT	0.1±20%	1M/1V	8.0	8.5	7.0	7.5	13	8
ACDMR201210HC-R22MT	0.22±20%	1M/1V	6.8	7.3	6.5	7.1	22	16
ACDMR201210HC-R24MT	0.24±20%	1M/1V	6.7	7.2	6.4	7.0	23	17
ACDMR201210HC-R33MT	0.33±20%	1M/1V	6.0	6.5	5.0	5.5	32	24
ACDMR201210HC-R47MT	0.47±20%	1M/1V	5.0	5.5	4.3	4.7	36	29
ACDMR201210HC-R56MT	0.56±20%	1M/1V	4.8	5.2	4.7	5.3	31	26
ACDMR201210HC-R68MT	0.68±20%	1M/1V	4.5	5.0	4.0	4.3	43	37
ACDMR201210HC-1R0MT	1.0±20%	1M/1V	3.5	4.0	3.5	3.9	63	55
ACDMR201210HC-1R2MT	1.2±20%	1M/1V	3.0	3.3	2.9	3.2	75	65
ACDMR201210HC-1R5MT	1.5±20%	1M/1V	2.7	3.2	2.6	3.1	85	76
ACDMR201210HC-2R2MT	2.2±20%	1M/1V	2.4	2.7	1.7	2.0	150	135
ACDMR201210HC-3R3MT	3.3±20%	1M/1V	1.8	2.2	1.5	1.8	260	210
ACDMR201210HC-4R7MT	4.7±20%	1M/1V	1.6	1.8	1.4	1.6	300	275
ACDMR201210HC-6R8MT	6.8±20%	1M/1V	1.2	1.45	1.3	1.5	520	440
ACDMR201210HC-100MT	10±20%	1M/1V	1.0	1.2	1.0	1.1	660	600



ACDMR201212HC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR201212HC	2.0±0.2	1.2±0.2	1.2 Max	0.6±0.2	2.1	0.5	1.3

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR201212HC-R11MT	0.11±20%	1M/1V	11.0	12.0	11.0	12.0	6.2	5.5
ACDMR201212HC-R24MT	0.24±20%	1M/1V	8.5	9.0	7.0	7.5	16	13
ACDMR201212HC-R33MT	0.33±20%	1M/1V	6.0	6.5	5.8	6.3	20.5	17
ACDMR201212HC-R47MT	0.47±20%	1M/1V	5.0	5.5	5.5	6.0	23.5	20
ACDMR201212HC-1R0MT	1.0±20%	1M/1V	3.6	4.0	3.5	3.9	48	40
ACDMR201212HC-1R5MT	1.5±20%	1M/1V	3.0	3.3	2.7	3.0	80	70
ACDMR201212HC-2R2MT	2.2±20%	1M/1V	2.4	2.8	2.3	2.5	130	115
ACDMR201212HC-3R3MT	3.3±20%	1M/1V	1.8	2.0	1.6	1.8	210	180
ACDMR201212HC-100MT	10±20%	1M/1V	1.2	1.4	1.1	1.2	500	440



ACDMR201606HC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR201606HC	2.0±0.2	1.6±0.2	0.6 Max	0.6 Typ	2.10	0.50	1.70

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR201606HC-2R2MT	2.2±20%	1M/1V	1.7	1.9	1.6	1.8	180	155
ACDMR201606HC-4R7MT	4.7±20%	1M/1V	1.2	1.4	1.1	1.3	425	370



ACDMR2016065HC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR2016065HC	2.0±0.2	1.6±0.2	0.65 Max	0.6 Typ	2.10	0.50	1.70

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR2016065HC-R47MT	0.47±20%	1M/1V	4.0	4.4	4.5	5.0	40	33
ACDMR2016065HC-R68MT	0.68±20%	1M/1V	3.1	3.4	3.5	4.0	50	42
ACDMR2016065HC-1R0MT	1.0±20%	1M/1V	2.7	3.0	3.0	3.5	70	58
ACDMR2016065HC-2R2MT	2.2±20%	1M/1V	2.0	2.2	2.6	2.8	170	145
ACDMR2016065HC-4R7MT	4.7±20%	1M/1V	1.3	1.5	1.2	1.4	420	365
ACDMR2016065HC-100MT	10±20%	1M/1V	0.8	0.9	0.7	0.8	1150	1000



ACDMR201608(E)HC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR201608(E)HC	2.0±0.2	1.6±0.2	0.8 Max	0.6±0.2	2.1	0.5	1.7

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR201608HC-R22MT	0.22±20%	1M/1V	5.6	6.1	5.9	6.6	19	14
ACDMR201608HC-R24MT	0.24±20%	1M/1V	5.5	6.0	5.8	6.5	20	14
ACDMR201608HC-R33MT	0.33±20%	1M/1V	5.3	5.8	4.8	5.5	24	18
ACDMR201608HC-R47MT	0.47±20%	1M/1V	5.0	5.5	5.2	5.5	27	24
ACDMR201608HC-R68MT	0.68±20%	1M/1V	4.2	4.6	3.5	3.8	44	39
ACDMR201608HC-1R0MT	1.0±20%	1M/1V	3.1	3.3	3.3	3.6	60	53
ACDMR201608EHC-1R0MT	1.0±20%	1M/1V	3.5	3.8	3.3	3.6	52	45
ACDMR201608HC-1R5MT	1.5±20%	1M/1V	2.8	3.0	2.8	3.1	85	73
ACDMR201608HC-2R2MT	2.2±20%	1M/1V	2.3	2.5	2.0	2.2	140	123
ACDMR201608HC-3R3MT	3.3±20%	1M/1V	1.8	2.1	1.5	1.8	220	200
ACDMR201608HC-4R7MT	4.7±20%	1M/1V	1.5	1.7	1.4	1.6	290	260
ACDMR201608HC-6R8MT	6.8±20%	1M/1V	1.3	1.4	1.2	1.4	405	360
ACDMR201608HC-100MT	10.0±20%	1M/1V	0.9	1.0	0.9	1.0	800	690



ACDMR201610(E)HC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR201610(E)HC	2.0±0.2	1.6±0.2	1.0 Max	0.6±0.2	2.1	0.5	1.7

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR201610HC-R10MT	0.1±20%	1M/1V	8.4	9.0	8.0	8.5	12	7
ACDMR201610HC-R15MT	0.15±20%	1M/1V	8.0	8.7	7.0	7.6	14	8
ACDMR201610HC-R22MT	0.22±20%	1M/1V	7.5	8.2	6.3	6.9	18	11
ACDMR201610HC-R24MT	0.24±20%	1M/1V	7.4	8.0	6.2	6.8	19	12
ACDMR201610HC-R33MT	0.33±20%	1M/1V	6.5	7.0	5.3	5.7	22	17
ACDMR201610HC-R47MT	0.47±20%	1M/1V	5.5	6.3	5.0	5.5	25	22
ACDMR201610HC-R56MT	0.56±20%	1M/1V	5.0	5.5	7.0	7.5	23	19
ACDMR201610HC-R68MT	0.68±20%	1M/1V	4.7	5.2	4.3	4.6	32	25
ACDMR201610HC-1R0MT	1.0±20%	1M/1V	4.2	4.6	4.1	4.5	43	35
ACDMR201610EHC-1R0MT	1.0±20%	1M/1V	4.2	4.7	4.2	4.6	36	31
ACDMR201610HC-1R5MT	1.5±20%	1M/1V	2.9	3.2	2.3	2.6	100	80
ACDMR201610HC-2R2MT	2.2±20%	1M/1V	2.8	3.0	2.1	2.5	130	120
ACDMR201610HC-3R3MT	3.3±20%	1M/1V	2.0	2.3	1.5	1.7	170	140
ACDMR201610HC-4R7MT	4.7±20%	1M/1V	1.8	2.0	1.4	1.6	220	190
ACDMR201610HC-6R8MT	6.8±20%	1M/1V	1.5	1.7	1.5	1.7	350	320
ACDMR201610HC-100MT	10±20%	1M/1V	1.1	1.4	0.7	1.0	580	483
ACDMR201610HC-150MT	15±20%	1M/1V	0.9	1.1	0.6	0.9	960	800
ACDMR201610HC-220MT	22±20%	1M/1V	0.7	0.8	0.5	0.6	1400	1200



ACDMR201612HC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR201612HC	2.0±0.2	1.6±0.2	1.2 Max	0.6±0.2	2.1	0.5	1.7

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR201612HC-R10MT	0.1±20%	1M/1V	11.5	13.0	10.0	12.0	6	4
ACDMR201612HC-R15MT	0.15±20%	1M/1V	10.5	12.0	9.0	10.0	10	7.5
ACDMR201612HC-R22MT	0.22±20%	1M/1V	9.2	9.7	8.8	9.3	10.5	8.5
ACDMR201612HC-R24MT	0.24±20%	1M/1V	8.7	9.2	8.6	9.1	11	9
ACDMR201612HC-R33MT	0.33±20%	1M/1V	7.3	7.8	7.2	7.7	15	10
ACDMR201612HC-R47MT	0.47±20%	1M/1V	6.0	6.7	6.0	6.7	17	13
ACDMR201612HC-R68MT	0.68±20%	1M/1V	5.3	6.0	5.3	6.0	23	19
ACDMR201612HC-1R0MT	1.0±20%	1M/1V	4.5	5.0	4.5	5.0	36	30
ACDMR201612HC-1R5MT	1.5±20%	1M/1V	3.5	4.0	3.5	4.0	50	40
ACDMR201612HC-2R2MT	2.2±20%	1M/1V	2.7	3.1	2.9	3.3	90	77
ACDMR201612HC-3R3MT	3.3±20%	1M/1V	2.3	2.7	2.0	2.4	165	135
ACDMR201612HC-4R7MT	4.7±20%	1M/1V	2.0	2.2	1.8	2.0	185	160
ACDMR201612HC-6R8MT	6.8±20%	1M/1V	1.7	1.9	1.7	1.8	300	255
ACDMR201612HC-100MT	10±20%	1M/1V	1.3	1.4	1.2	1.3	460	410



ACDMR252008(E)HC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR252008(E)HC	2.5±0.2	2.0±0.2	0.8 Max	0.8±0.2	2.60	0.70	2.10

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR252008HC-R47MT	0.47±20%	1M/1V	5.3	6.0	6.0	6.5	27	22
ACDMR252008HC-R68MT	0.68±20%	1M/1V	4.5	5.0	4.4	4.9	32	27
ACDMR252008HC-1R0MT	1.0±20%	1M/1V	4.0	4.5	4.0	4.3	40	34
ACDMR252008HC-1R5MT	1.5±20%	1M/1V	3.0	3.5	3.0	3.4	75	64
ACDMR252008HC-2R2MT	2.2±20%	1M/1V	2.6	3.0	2.6	3.0	77	69
ACDMR252008HC-3R3MT	3.3±20%	1M/1V	2.1	2.5	2.1	2.5	180	150
ACDMR252008HC-4R7MT	4.7±20%	1M/1V	1.5	1.9	1.5	2.0	215	180
ACDMR252008EHC-6R8MT	6.8±20%	1M/1V	1.2	1.4	1.1	1.3	300	260
ACDMR252008HC-100MT	10±20%	1M/1V	0.9	1.1	1.2	1.4	600	500



ACDMR252010(G)HC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR252010(G)HC	2.5±0.2	2.0±0.2	1.0 Max	0.7±0.3	2.6	0.7	2.1

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR252010HC-R10MT	0.10±20%	1M/1V	12.5	13.5	11.0	12.0	8.5	6.5
ACDMR252010HC-R15MT	0.15±20%	1M/1V	9.5	10.5	8.5	9.5	9	7
ACDMR252010HC-R22MT	0.22±20%	1M/1V	7.9	8.6	6.5	6.8	17	12
ACDMR252010HC-R24MT	0.24±20%	1M/1V	7.8	8.5	6.4	6.7	17.5	12
ACDMR252010HC-R33MT	0.33±20%	1M/1V	7.2	7.6	6.2	6.5	19	13
ACDMR252010HC-R47MT	0.47±20%	1M/1V	6.5	7.2	5.6	6.1	22	15
ACDMR252010HC-R68MT	0.68±20%	1M/1V	5.5	5.9	5.0	5.6	27	23
ACDMR252010HC-R82MT	0.82±20%	1M/1V	4.8	5.3	4.1	4.5	29	25
ACDMR252010HC-1R0MT	1.0±20%	1M/1V	4.8	5.4	4.1	4.7	30	25
ACDMR252010HC-1R5MT	1.5±20%	1M/1V	3.9	4.3	3.0	3.4	55	45
ACDMR252010HC-2R2MT	2.2±20%	1M/1V	3.0	3.3	2.1	2.4	70	62
ACDMR252010HC-3R3MT	3.3±20%	1M/1V	2.5	2.8	2.1	2.5	100	86
ACDMR252010HC-4R7MT	4.7±20%	1M/1V	2.0	2.6	1.6	2.0	180	160
ACDMR252010HC-6R8MT	6.8±20%	1M/1V	1.9	2.4	1.4	1.6	320	270
ACDMR252010HC-100MT	10.0±20%	1M/1V	1.40	1.55	0.95	1.05	560	500
ACDMR252010GHC-220MT	22.0±20%	1M/1V	0.90	1.10	0.60	0.85	1300	1100



ACDMR252012(E)HC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR252012(E)HC	2.5±0.2	2.0±0.2	1.2 Max	0.7±0.3	2.6	0.7	2.1

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR252012HC-R10MT	0.1±20%	1M/1V	12.5	13.5	10.5	12.0	10	6
ACDMR252012HC-R15MT	0.15±20%	1M/1V	12.0	13.0	10.0	11.5	11	7
ACDMR252012HC-R22MT	0.22±20%	1M/1V	9.0	9.6	7.6	8.2	14	9
ACDMR252012HC-R24MT	0.24±20%	1M/1V	8.8	9.3	7.5	8.0	15	10
ACDMR252012HC-R33MT	0.33±20%	1M/1V	7.8	8.3	6.4	6.8	17	11
ACDMR252012HC-R47MT	0.47±20%	1M/1V	7.0	7.5	6.0	6.5	19	13
ACDMR252012EHC-R47MT	0.47±20%	1M/1V	8.0	8.5	7.5	8.0	13	11
ACDMR252012HC-R68MT	0.68±20%	1M/1V	6.0	6.5	5.5	6.3	23	17
ACDMR252012HC-R82MT	0.82±20%	1M/1V	5.8	6.5	5.3	5.8	24	19
ACDMR252012HC-1R0MT	1.0±20%	1M/1V	5.0	5.6	4.8	5.3	42	35
ACDMR252012EHC-1R0MT	1.0±20%	1M/1V	6.0	6.5	5.6	6.1	22	16
ACDMR252012HC-1R5MT	1.5±20%	1M/1V	4.1	4.5	3.2	3.7	50	44
ACDMR252012EHC-1R5MT	1.5±20%	1M/1V	4.4	4.7	4.2	4.6	32	27
ACDMR252012HC-2R2MT	2.2±20%	1M/1V	3.3	3.8	2.7	3.0	65	55
ACDMR252012HC-3R3MT	3.3±20%	1M/1V	2.7	3.0	2.5	2.8	97	80
ACDMR252012HC-4R7MT	4.7±20%	1M/1V	2.1	2.4	1.9	2.2	170	150
ACDMR252012HC-6R8MT	6.8±20%	1M/1V	1.7	2.0	1.6	1.8	270	245
ACDMR252012HC-100MT	10.0±20%	1M/1V	1.45	1.60	1.05	1.20	400	330
ACDMR252012HC-150MT	15.0±20%	1M/1V	1.30	1.40	1.30	1.40	565	500
ACDMR252012HC-220MT	22.0±20%	1M/1V	1.00	1.10	1.10	1.20	800	740



ACDMR322510HC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR322510HC	3.2±0.3	2.5±0.3	1.0 Max	0.9±0.3	3.20	0.90	2.50

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR322510HC-R22MT	0.22±20%	1M/1V	8.0	8.5	8.0	8.5	11	9
ACDMR322510HC-R33MT	0.33±20%	1M/1V	7.8	8.3	7.8	8.3	15	11
ACDMR322510HC-R47MT	0.47±20%	1M/1V	7.6	8.3	5.9	6.4	22	17
ACDMR322510HC-R68MT	0.68±20%	1M/1V	7.0	7.5	5.7	6.2	28	22
ACDMR322510HC-1R0MT	1.0±20%	1M/1V	5.3	6.0	4.9	5.4	30	25
ACDMR322510HC-1R5MT	1.5±20%	1M/1V	4.4	5.0	3.6	4.0	42	34
ACDMR322510HC-2R2MT	2.2±20%	1M/1V	3.5	4.0	3.4	3.7	66	55
ACDMR322510HC-3R3MT	3.3±20%	1M/1V	3.3	3.7	2.3	2.7	120	105
ACDMR322510HC-4R7MT	4.7±20%	1M/1V	2.5	2.8	1.9	2.3	140	125
ACDMR322510HC-6R8MT	6.8±20%	1M/1V	2.0	2.4	1.6	1.9	320	290
ACDMR322510HC-100MT	10±20%	1M/1V	1.8	2.2	1.8	2.2	365	325



ACDMR322512HC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR322512HC	3.2±0.2	2.5±0.2	1.2 Max	0.9±0.3	3.20	0.90	2.50

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR322512HC-R10MT	0.1±20%	1M/1V	16.5	18.0	11.0	12.0	7	5.2
ACDMR322512HC-R22MT	0.22±20%	1M/1V	11.0	11.5	8.7	9.2	10	6.6
ACDMR322512HC-R24MT	0.24±20%	1M/1V	10.5	11.0	8.5	9.0	12	7
ACDMR322512HC-R33MT	0.33±20%	1M/1V	9.5	10.0	8.1	8.4	14	9
ACDMR322512HC-R47MT	0.47±20%	1M/1V	8.2	8.6	7.2	7.5	19	14
ACDMR322512HC-R68MT	0.68±20%	1M/1V	7.7	8.1	6.8	7.3	23	18
ACDMR322512HC-1R0MT	1.0±20%	1M/1V	5.8	6.6	4.8	5.3	30	26
ACDMR322512HC-1R2MT	1.2±20%	1M/1V	5.4	5.9	5.2	5.7	32	26
ACDMR322512HC-1R5MT	1.5±20%	1M/1V	4.7	5.1	4.3	4.7	44	37
ACDMR322512HC-2R2MT	2.2±20%	1M/1V	4.2	4.6	3.0	3.6	70	58
ACDMR322512HC-3R3MT	3.3±20%	1M/1V	3.2	3.7	2.5	2.9	95	75
ACDMR322512HC-4R7MT	4.7±20%	1M/1V	2.6	2.9	2.8	3.0	135	115
ACDMR322512HC-6R8MT	6.8±20%	1M/1V	2.4	2.8	1.9	2.1	210	177
ACDMR322512HC-100MT	10±20%	1M/1V	1.9	2.3	1.8	2.2	230	210
ACDMR322512HC-180MT	18± 20%	1M/1V	1.3	1.5	1.2	1.3	520	470



ACDMR322520HC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR322520HC	3.2±0.2	2.5±0.2	2.0 Max	0.9±0.3	3.20	0.90	2.50

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR322520HC-R10MT	0.1±20%	1M/1V	20.5	21.5	15.0	16.0	4	3
ACDMR322520HC-R15MT	0.15±20%	1M/1V	18.0	20.0	13.0	14.0	5	4
ACDMR322520HC-R22MT	0.22±20%	1M/1V	15.5	16.5	11.0	12.0	6	5
ACDMR322520HC-R33MT	0.33±20%	1M/1V	14.0	15.5	9.0	9.5	9	7.5
ACDMR322520HC-R47MT	0.47±20%	1M/1V	13.0	15.0	8.5	9.5	10.5	9
ACDMR322520HC-R68MT	0.68±20%	1M/1V	11.0	13.0	8.0	9.0	14.5	12.5
ACDMR322520HC-1R0MT	1.0±20%	1M/1V	8.3	9.0	7.5	8.2	17.5	15
ACDMR322520HC-1R5MT	1.5±20%	1M/1V	6.0	6.8	6.0	6.5	25	22
ACDMR322520HC-2R2MT	2.2±20%	1M/1V	5.5	6.5	4.8	5.4	43	36
ACDMR322520HC-3R3MT	3.3±20%	1M/1V	3.5	4.5	4.0	4.5	60	55
ACDMR322520HC-4R7MT	4.7±20%	1M/1V	3.0	4.0	3.0	3.5	94	81
ACDMR322520HC-6R8MT	6.8±20%	1M/1V	2.9	3.8	2.3	2.8	125	101
ACDMR322520HC-100MT	10±20%	1M/1V	2.4	2.6	1.6	1.8	200	170
ACDMR322520HC-150MT	15±20%	1M/1V	2.0	2.2	1.8	2.0	260	220
ACDMR322520HC-220MT	22±20%	1M/1V	1.7	2.0	1.5	1.8	364	315



ACDMR0310FHC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR0310FHC	3.0±0.2	3.0±0.2	1.0 Max	0.9±0.2	3.00	0.80	3.00

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0310FHC-1R0MT	1.0±20%	1M/1V	4.8	5.3	6.5	7.0	35	30
ACDMR0310FHC-2R2MT	2.2±20%	1M/1V	3.5	4.0	4.5	5.0	66	55
ACDMR0310FHC-3R3MT	3.3±20%	1M/1V	2.8	3.1	3.0	3.4	102	86
ACDMR0310FHC-4R7MT	4.7±20%	1M/1V	2.3	2.7	2.8	3.2	140	120
ACDMR0310FHC-6R8MT	6.8±20%	1M/1V	1.5	1.8	1.8	2.1	270	225
ACDMR0310FHC-100MT	10.0±20%	1M/1V	1.3	1.6	1.7	2.0	360	320



ACDMR0310Q SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0310Q	3.1±0.3	3.1±0.3	1.0 Max	0.6±0.2	1.8±0.2	3.5	1.6	2.0

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0310Q-4R7MT	4.7±20%	100K/1V	1.7	1.9	1.3	1.5	250	200
ACDMR0310Q-100MT	10±20%	100K/1V	1.35	1.5	1.1	1.2	400	330



ACDMR0312FHC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR0312FHC	3.0±0.2	3.0±0.2	1.2 Max	0.9±0.2	3.00	0.80	3.00

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0312FHC-R10MT	0.1±20%	1M/1V	18.0	20.0	17.0	18.0	6	5
ACDMR0312FHC-R33MT	0.33±20%	1M/1V	10.0	11.0	9.0	10.0	10.5	8.5
ACDMR0312FHC-R47MT	0.47±20%	1M/1V	8.0	8.5	10.0	11.0	11	9
ACDMR0312FHC-R68MT	0.68±20%	1M/1V	6.5	7.0	7.0	7.5	16	14
ACDMR0312FHC-1R0MT	1.0±20%	1M/1V	5.5	6.0	5.0	5.5	27	23
ACDMR0312FHC-1R5MT	1.5±20%	1M/1V	5.0	5.5	5.5	6.0	34	29
ACDMR0312FHC-2R2MT	2.2±20%	1M/1V	4.5	5.0	4.3	4.8	50	42
ACDMR0312FHC-3R3MT	3.3±20%	1M/1V	3.5	4.0	3.3	3.8	85	72
ACDMR0312FHC-4R7MT	4.7±20%	1M/1V	2.5	3.0	2.5	3.0	120	100
ACDMR0312FHC-100MT	10.0±20%	1M/1V	2.0	2.3	1.9	2.3	220	192
ACDMR0312FHC-150MT	15.0±20%	1M/1V	1.6	1.9	1.3	1.6	380	345



ACDMR0315FHC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR0315FHC	3.0±0.2	3.0±0.2	1.5 Max	0.9±0.2	3.00	0.80	3.00

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0315FHC-R15MT	0.15±20%	1M/1V	15.0	16.0	11.0	12.0	6	5
ACDMR0315FHC-R20MT	0.20±20%	1M/1V	15.0	16.0	12.0	13.0	5.9	4.8
ACDMR0315FHC-R33MT	0.33±20%	1M/1V	11.0	12.0	13.0	14.0	8.5	6.5
ACDMR0315FHC-R47MT	0.47±20%	1M/1V	9.0	10.0	8.0	9.0	11	9
ACDMR0315FHC-R68MT	0.68±20%	1M/1V	8.0	8.5	7.0	7.5	13.5	11
ACDMR0315FHC-1R0MT	1.0±20%	1M/1V	6.5	7.0	5.5	6.0	22	18
ACDMR0315FHC-1R5MT	1.5±20%	1M/1V	5.5	6.0	7.5	8.0	26	22
ACDMR0315FHC-2R2MT	2.2±20%	1M/1V	4.5	5.0	4.0	4.5	50	42
ACDMR0315FHC-3R3MT	3.3±20%	1M/1V	4.0	4.5	3.5	4.0	68	58
ACDMR0315FHC-4R7MT	4.7±20%	1M/1V	3.5	4.0	3.0	3.5	104	87
ACDMR0315FHC-6R8MT	6.8±20%	1M/1V	3.0	3.5	2.0	2.5	180	160
ACDMR0315FHC-100MT	10±20%	1M/1V	2.5	2.8	1.5	2.0	215	185
ACDMR0315FHC-220MT	22±20%	1M/1V	1.2	1.6	1.0	1.2	700	580



ACDMR0320FHC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR0320FHC	3.0±0.2	3.0±0.2	2.0 Max	0.9±0.2	3.00	0.80	3.00

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0320FHC-R10MT	0.1±20%	1M/1V	23.0	25.0	16.0	17.0	4.5	3.3
ACDMR0320FHC-R15MT	0.15±20%	1M/1V	17.0	18.0	12.0	13.0	5	4
ACDMR0320FHC-R22MT	0.22±20%	1M/1V	16.0	17.5	10.0	11.0	6.5	5
ACDMR0320FHC-R33MT	0.33±20%	1M/1V	15.0	17.0	9.0	10.0	9	7.5
ACDMR0320FHC-R47MT	0.47±20%	1M/1V	13.5	15.0	8.0	9.0	11	8
ACDMR0320FHC-R50MT	0.50±20%	1M/1V	13.0	15.0	8.0	9.0	12	9
ACDMR0320FHC-R68MT	0.68±20%	1M/1V	11.0	13.0	7.8	8.5	16	13
ACDMR0320FHC-1R0MT	1.0±20%	1M/1V	7.3	8.0	6.0	6.5	20	14
ACDMR0320FHC-1R2MT	1.2±20%	1M/1V	7.0	7.5	6.5	7.0	21	16
ACDMR0320FHC-1R5MT	1.5±20%	1M/1V	6.5	7.0	5.8	6.3	25	19
ACDMR0320FHC-2R2MT	2.2±20%	1M/1V	5.5	6.0	4.3	4.7	45	37
ACDMR0320FHC-3R3MT	3.3±20%	1M/1V	5.4	5.9	4.0	4.5	63	52
ACDMR0320FHC-4R7MT	4.7±20%	1M/1V	4.0	4.8	3.8	4.2	73	60
ACDMR0320FHC-6R8MT	6.8±20%	1M/1V	3.8	4.5	3.0	3.2	135	107
ACDMR0320FHC-100MT	10.0±20%	1M/1V	3.3	3.8	2.2	2.5	160	135
ACDMR0320FHC-150MT	15.0±20%	1M/1V	2.2	2.6	1.5	1.8	260	235



ACDMR0408HC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR0408HC	4.0±0.2	4.0±0.2	0.8 Max	1.4±0.3	4.10	1.30	4.10

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0408HC-100MT	10.0±20%	100K/1V	1.6	1.9	1.5	1.8	455	400



ACDMR0410Q SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0410Q	4.1±0.3	4.1±0.3	1.0 Max	0.8±0.2	1.8 Typ	4.4 Ref	2.2 Ref	2.0 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0410Q-2R2MT	2.2±20%	100K/1V	3.5	4.3	2.6	2.9	100	82
ACDMR0410Q-4R7MT	4.7±20%	100K/1V	1.9	2.3	2.0	2.2	182	148
ACDMR0410Q-6R8MT	6.8±20%	100K/1V	1.7	2.1	1.4	1.6	255	210
ACDMR0410Q-100MT	10±20%	100K/1V	1.3	1.6	1.2	1.4	336	280



ACDMR0410(HC)ZZ SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR0410(HC)ZZ	4.0±0.3	4.0±0.3	1.0 Max	1.4±0.3	4.20	1.40	4.20

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0410HC-1R0MT	1.0±20%	100K/1V	4.8	5.3	6.5	7.0	26	22
ACDMR0410HC-4R7MT	4.7±20%	100K/1V	3.5	3.8	3.0	3.4	140	120
ACDMR0410HC-6R8MT	6.8±20%	100K/1V	2.7	3.2	2.4	2.9	235	200
ACDMR0410HC-100MT	10±20%	100K/1V	2.0	2.2	2.0	2.5	280	220
ACDMR0410ZZ-100MT	10.0±20%	100K/1V	2.6	3.0	2.0	2.2	265	220



ACDMR0412Q SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0412Q	4.1±0.3	4.1±0.3	1.2 Max	0.8±0.2	1.8±0.2	4.4 Ref	2.2 Ref	2.0 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0412Q-2R2MT	2.2±20%	100K/1V	3.5	4.0	3.4	3.8	63	52
ACDMR0412Q-4R7MT	4.7±20%	100K/1V	2.2	2.5	2.6	2.9	113	94
ACDMR0412Q-100MT	10±20%	100K/1V	1.4	1.6	1.6	1.8	240	200



ACDMR0412HC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR0412HC	4.1±0.2	4.1±0.2	1.2 Max	1.3±0.2	4.10	1.10	4.10

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0412HC-R47MT	0.47±20%	1M/1V	11.5	12.0	8.5	9.0	14	11.5
ACDMR0412HC-R60MT	0.60±20%	1M/1V	8.5	9.0	8.0	8.5	14.5	12
ACDMR0412HC-R68MT	0.68±20%	1M/1V	9.0	10.0	7.5	8.5	18	15
ACDMR0412HC-1R0MT	1.0±20%	1M/1V	10.0	11.0	5.5	6.3	25	21
ACDMR0412HC-1R5MT	1.5±20%	1M/1V	7.0	8.0	5.0	6.0	34.5	29
ACDMR0412HC-2R2MT	2.2±20%	1M/1V	6.0	6.5	4.5	5.0	55	45
ACDMR0412HC-3R3MT	3.3±20%	1M/1V	5.0	5.5	4.0	4.5	80	67
ACDMR0412HC-4R7MT	4.7±20%	1M/1V	4.5	5.0	3.0	3.5	110	90
ACDMR0412HC-5R6MT	5.6±20%	1M/1V	4.0	4.5	2.5	3.0	140	116
ACDMR0412HC-6R8MT	6.8±20%	1M/1V	3.5	3.8	2.3	2.8	160	132
ACDMR0412HC-100MT	10±20%	1M/1V	2.5	2.8	2.0	2.5	235	200
ACDMR0412HC-220MT	22±20%	1M/1V	1.5	1.8	1.2	1.5	480	420



ACDMR0412UHC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR0412UHC	4.1±0.2	4.1±0.2	1.2 Max	1.3±0.2	4.10	1.10	4.10

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0412UHC-R22MT	0.22±20%	1M/1V	14.0	15.0	13.0	14.0	7.5	6.5
ACDMR0412UHC-R47MT	0.47±20%	1M/1V	10.0	11.0	11.0	12.0	8.5	7.5



ACDMR0415U(G)HC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR0415U(G)HC	4.1±0.2	4.1±0.2	1.5 Max	1.3±0.2	4.10	1.10	4.10

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0415UGHC-R10MT	0.1±20%	1M/1V	27.0	30.0	26.0	29.0	2.2	1.8
ACDMR0415UGHC-R12MT	0.12±20%	1M/1V	25.0	27.0	15.0	17.0	2.3	1.9
ACDMR0415UHC-R47MT	0.47±20%	1M/1V	12.0	13.0	12.0	13.0	7	5.8
ACDMR0415UHC-1R0MT	1.0±20%	1M/1V	8.0	9.0	10.0	11.0	15	12.5



ACDMR0420M SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0420M	4.4±0.45	4.2±0.35	2.0 Max	0.8±0.3	2.0±0.3	5.2 Ref	2.2 Ref	2.5 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR0420M-R10MT	0.1±20%	100K/1V	22	13	4	3.5
ACDMR0420M-R22MT	0.22±20%	100K/1V	12.5	9.5	6.6	6
ACDMR0420M-R33MT	0.33±20%	100K/1V	12	10	11	9
ACDMR0420M-R47MT	0.47±20%	100K/1V	9.5	7.5	14	12.5
ACDMR0420M-R56MT	0.56±20%	100K/1V	10	7	16	14
ACDMR0420M-R68MT	0.68±20%	100K/1V	9	7	18	16
ACDMR0420M-1R0MT	1.0±20%	100K/1V	7	6	27	24
ACDMR0420M-1R2MT	1.2±20%	100K/1V	7	6	27	24
ACDMR0420M-1R5MT	1.5±20%	100K/1V	6	5	46	38
ACDMR0420M-2R2MT	2.2±20%	100K/1V	5	4.5	58	52
ACDMR0420M-3R3MT	3.3±20%	100K/1V	4	3.3	87	74
ACDMR0420M-4R7MT	4.7±20%	100K/1V	3	2.8	105	92
ACDMR0420M-6R8MT	6.8±20%	100K/1V	2.5	2.4	175	160
ACDMR0420M-100MT	10±20%	100K/1V	2.2	1.6	282	256
ACDMR0420M-220MT	22±20%	100K/1V	1.65	1.2	363	330



ACDMR0420HC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR0420HC	4.1±0.2	4.1±0.2	2.0 Max	1.3±0.2	4.10	1.10	4.10

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0420HC-R47MT	0.47±20%	1M/1V	15.0	16.0	8.0	8.5	8.5	7
ACDMR0420HC-1R0MT	1.0±20%	1M/1V	11.5	12.5	6.0	6.5	14.5	12
ACDMR0420HC-1R5MT	1.5±20%	1M/1V	9.5	10.5	5.5	6.0	22	18
ACDMR0420HC-2R2MT	2.2±20%	1M/1V	8.5	9.5	5.0	5.5	36	30
ACDMR0420HC-3R3MT	3.3±20%	1M/1V	7.0	8.0	5.8	6.3	40	35
ACDMR0420HC-4R7MT	4.7±20%	1M/1V	5.5	6.3	4.0	5.0	58	47
ACDMR0420HC-5R6MT	5.6±20%	1M/1V	5.0	5.5	3.6	4.0	68	55
ACDMR0420HC-6R8MT	6.8±20%	1M/1V	4.5	5.4	3.2	3.7	105	90
ACDMR0420HC-100MT	10±20%	1M/1V	4.0	4.9	3.0	3.4	135	113
ACDMR0420HC-150MT	15±20%	1M/1V	3.0	3.5	1.7	2.3	250	210
ACDMR0420HC-220MT	22±20%	1M/1V	2.3	2.9	1.3	1.8	330	275



ACDMR0420U(G)HC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR0420U(G)HC	4.1±0.2	4.1±0.2	2.0 Max	1.3±0.2	4.10	1.10	4.10

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0420UHC-R10MT	0.1±20%	1M/1V	30.0	35.0	30.5	34.0	1.6	1.2
ACDMR0420UHC-R12MT	0.12±20%	1M/1V	29.0	31.0	30.5	34.0	1.7	1.3
ACDMR0420UHC-R22MT	0.22±20%	1M/1V	19.0	20.0	19.0	20.0	2.7	2
ACDMR0420UHC-R56MT	0.56±20%	1M/1V	13.0	14.0	16.5	18.5	5.6	4.7
ACDMR0420UHC-R68MT	0.68±20%	1M/1V	12.0	13.0	13.0	14.0	6.2	5.5
ACDMR0420UHC-R82MT	0.82±20%	1M/1V	11.0	12.0	12.0	13.0	8	6.8
ACDMR0420UHC-1R0MT	1.0±20%	1M/1V	9.5	11.0	11.5	12.5	9	7.5
ACDMR0420UHC-1R2MT	1.2±20%	1M/1V	9.0	10.0	9.0	10.0	12	10.5
ACDMR0420UGHC-1R5MT	1.5±20%	1M/1V	8.5	9.5	7.0	8.0	16	13.5
ACDMR0420UHC-2R2MT	2.2±20%	1M/1V	7.0	8.0	7.0	8.0	23	19
ACDMR0420UHC-3R3MT	3.3±20%	1M/1V	4.7	5.6	6.5	8.0	28	24



ACDMR0430HC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR0430HC	4.1±0.2	4.1±0.2	3.0 Max	1.3±0.2	4.10	1.10	4.10

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0430HC-R33MT	0.33±20%	1M/1V	23.0	25.0	15.0	16.0	6	4.5
ACDMR0430HC-R47MT	0.47±20%	1M/1V	21.0	23.0	14.0	15.0	7	5.5
ACDMR0430HC-R56MT	0.56±20%	1M/1V	20.0	22.0	14.0	15.0	7.5	6
ACDMR0430HC-R68MT	0.68±20%	1M/1V	15.0	17.0	8.0	9.5	10	8.3
ACDMR0430HC-1R0MT	1.0±20%	1M/1V	14.0	15.5	9.0	10.0	12	10
ACDMR0430HC-1R5MT	1.5±20%	1M/1V	11.0	12.5	6.0	6.5	18	15
ACDMR0430HC-2R2MT	2.2±20%	1M/1V	9.5	10.5	8.5	9.0	22	19
ACDMR0430HC-3R3MT	3.3±20%	1M/1V	7.5	8.5	4.8	5.3	35	30
ACDMR0430HC-4R7MT	4.7±20%	1M/1V	6.0	7.0	4.0	4.3	46	41
ACDMR0430HC-5R6MT	5.6±20%	1M/1V	6.2	7.0	5.0	5.5	48	41
ACDMR0430HC-6R8MT	6.8±20%	1M/1V	5.1	6.3	3.8	4.2	62	51
ACDMR0430HC-8R2MT	8.2±20%	1M/1V	4.8	5.2	3.5	3.9	102	90
ACDMR0430HC-100MT	10±20%	1M/1V	4.5	4.9	3.3	3.7	110	92
ACDMR0430HC-150MT	15±20%	1M/1V	3.8	4.2	2.5	2.7	170	145
ACDMR0430HC-220MT	22±20%	1M/1V	3.0	3.4	2.2	2.5	220	190
ACDMR0430HC-470MT	47±20%	1M/1V	2.0	2.2	1.2	1.4	550	480



ACDMR0430UGHC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR0430UGHC	4.1±0.2	4.1±0.2	3.0 Max	1.3±0.2	4.10	1.10	4.10

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0430UGHC-R47MT	0.47±20%	1M/1V	20.0	24.0	17.0	19.0	4	3.4
ACDMR0430UGHC-1R5MT	1.5±20%	1M/1V	10.5	12.5	7.0	8.5	11.3	9.5
ACDMR0430UGHC-2R2MT	2.2±20%	1M/1V	9.0	11.0	6.5	7.3	17	14.5
ACDMR0430UGHC-3R3MT	3.3±20%	1M/1V	7.0	8.5	5.5	6.5	30	25
ACDMR0430UGHC-4R7MT	4.7±20%	1M/1V	6.5	7.8	5.9	6.6	32.4	27
ACDMR0430UGHC-6R8MT	6.8±20%	1M/1V	6.0	7.0	4.0	5.0	48	40



ACDMR0512GHC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR0512GHC	5.2±0.2	5.0±0.2	1.2 Max	2.0±0.2	5.50	1.60	5.30

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0512GHC-R10MT	0.1±20%	1M/1V	30.0	35.0	20.0	22.0	2.5	1.8
ACDMR0512GHC-R15MT	0.15±20%	1M/1V	26.0	30.0	15.3	17.0	5	4.2
ACDMR0512GHC-1R0MT	1.0±20%	1M/1V	8.5	9.5	7.5	8.5	18	16

ACDMR0515MW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0515MW	5.5±0.3	5.18±0.3	1.5 Max	1.2±0.3	2.0±0.3	7.0 Ref	3.0 Ref	2.5 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR0515MW-R47MT	0.47±20%	100K/1V	12	9	13.5	11.5
ACDMR0515MW-R68MT	0.68±20%	100K/1V	10	6	21	18
ACDMR0515MW-1R0MT	1.0±20%	100K/1V	8	5	33	24.5
ACDMR0515MW-2R2MT	2.2±20%	100K/1V	5	3.3	68	60
ACDMR0515MW-3R3MT	3.3±20%	100K/1V	5	3	106	95
ACDMR0515MW-4R7MT	4.7±20%	100K/1V	4	2.5	135	122
ACDMR0515MW-5R6MT	5.6±20%	100K/1V	3.5	2.2	150	138
ACDMR0515MW-6R8MT	6.8±20%	100K/1V	3	2	155	142
ACDMR0515MW-100MT	10±20%	100K/1V	2	1.5	213	194



ACDMR0515TW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0515TW	5.5±0.3	5.18±0.3	1.5 Max	1.2±0.3	2.0±0.3	7.0 Ref	3.0 Ref	2.5 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR0515TW-R15MT	0.15±20%	100K/1V	26	16	5.4	4.5
ACDMR0515TW-R22MT	0.22±20%	100K/1V	25	15	7.8	6.5
ACDMR0515TW-R47MT	0.47±20%	100K/1V	20	12	13	11
ACDMR0515TW-R68MT	0.68±20%	100K/1V	15	10	13.5	11.6
ACDMR0515TW-1R0MT	1.0±20%	100K/1V	10	8	24	19.5
ACDMR0515TW-2R2MT	2.2±20%	100K/1V	7	5	70	63
ACDMR0515TW-3R3MT	3.3±20%	100K/1V	6	4	75	68
ACDMR0515TW-4R7MT	4.7±20%	100K/1V	5	3	118	108
ACDMR0515TW-5R6MT	5.6±20%	100K/1V	4.5	2.8	140	126
ACDMR0515TW-6R8MT	6.8±20%	100K/1V	4.2	2.5	155	142
ACDMR0515TW-8R2MT	8.2±20%	100K/1V	4	2.4	190	175
ACDMR0515TW-100MT	10±20%	100K/1V	3.8	2.3	280	255



ACDMR0518M SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0518M	5.4±0.4	5.2±0.3	1.8 Max	1.2±0.2	2.2±0.3	6.0 Ref	2.2 Ref	2.5 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR0518M-R47MT	0.47±20%	100K/1V	15.5	10.5	9	7.7
ACDMR0518M-R56MT	0.56±20%	100K/1V	15	9.5	10	8
ACDMR0518M-1R0MT	1.0±20%	100K/1V	9	8	17	15
ACDMR0518M-1R5MT	1.5±20%	100K/1V	9	7.5	26	21
ACDMR0518M-2R2MT	2.2±20%	100K/1V	6.5	5	35	30
ACDMR0518M-3R3MT	3.3±20%	100K/1V	5	4.5	58	52
ACDMR0518M-4R7MT	4.7±20%	100K/1V	4	3.5	85	78
ACDMR0518M-6R8MT	6.8±20%	100K/1V	3.4	2.8	120	107
ACDMR0518M-100MT	10±20%	100K/1V	3	2.5	155	140



ACDMR0520MW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0520MW	5.5±0.3	5.18±0.3	2.0 Max	1.2±0.3	2.0±0.3	7.0 Ref	3.0 Ref	2.5 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR0520MW-R10MT	0.1±20%	100K/1V	25	15	3.6	3
ACDMR0520MW-R22MT	0.22±20%	100K/1V	19	13	5	4.2
ACDMR0520MW-R33MT	0.33±20%	100K/1V	16	11	10	8.4
ACDMR0520MW-R47MT	0.47±20%	100K/1V	14	10	10	8.4
ACDMR0520MW-R68MT	0.68±20%	100K/1V	10	8	14	11.5
ACDMR0520MW-1R0MT	1.0±20%	100K/1V	9	7	19	16
ACDMR0520MW-1R5MT	1.5±20%	100K/1V	8	5.5	34	28.5
ACDMR0520MW-2R2MT	2.2±20%	100K/1V	7	5	36	32
ACDMR0520MW-3R3MT	3.3±20%	100K/1V	6	4.5	63	58
ACDMR0520MW-4R7MT	4.7±20%	100K/1V	5	3.5	90	83
ACDMR0520MW-5R6MT	5.6±20%	100K/1V	4	2.8	95	86
ACDMR0520MW-6R8MT	6.8±20%	100K/1V	3.5	2.5	125	114
ACDMR0520MW-100MT	10±20%	100K/1V	2.8	1.8	175	155



ACDMR0520TW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0520TW	5.5±0.3	5.18±0.3	2.0 Max	1.2±0.3	2.0±0.3	7.0 Ref	3.0 Ref	2.5 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR0520TW-R10MT	0.1±20%	100K/1V	32	20	3.6	3
ACDMR0520TW-R22MT	0.22±20%	100K/1V	28	18	5.2	4.3
ACDMR0520TW-R33MT	0.33±20%	100K/1V	26	16	10.5	8.6
ACDMR0520TW-R47MT	0.47±20%	100K/1V	24	14	10.5	8.6
ACDMR0520TW-R68MT	0.68±20%	100K/1V	18	12	15	12
ACDMR0520TW-1R0MT	1.0±20%	100K/1V	15	10	20	17
ACDMR0520TW-1R5MT	1.5±20%	100K/1V	13	7	33	28
ACDMR0520TW-2R2MT	2.2±20%	100K/1V	9	6	39	33
ACDMR0520TW-3R3MT	3.3±20%	100K/1V	8	5	70	60
ACDMR0520TW-4R7MT	4.7±20%	100K/1V	6.5	4	95	84
ACDMR0520TW-5R6MT	5.6±20%	100K/1V	5.5	3.5	98	87
ACDMR0520TW-6R8MT	6.8±20%	100K/1V	4.5	3	105	93
ACDMR0520TW-8R2MT	8.2±20%	100K/1V	4	2.5	145	132
ACDMR0520TW-100MT	10±20%	100K/1V	3.5	2	175	155



ACDMR0520GHC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR0520GHC	5.2±0.2	5.0±0.2	2.0 Max	2.0±0.2	5.50	1.60	5.30

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0520HC-R68MT	0.68±20%	1M/1V	17.0	20.0	14.0	15.0	5.5	4.4
ACDMR0520GHC-1R0MT	1.0±20%	1M/1V	14.0	16.0	13.0	14.0	8.4	7
ACDMR0520GHC-1R5MT	1.5±20%	1M/1V	10.0	12.0	10.0	13.0	17	13
ACDMR0520GHC-2R2MT	2.2±20%	1M/1V	8.5	9.5	6.5	7.0	29	24



ACDMR0524GHC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR0524GHC	5.2±0.2	5.0±0.2	2.4 Max	2.0±0.2	5.50	1.60	5.30

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0524GHC-2R2MT	2.2±20%	1M/1V	8.0	10.0	7.0	8.5	16	14.5



ACDMR0528GHC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR0528GHC	5.2±0.2	5.0±0.2	2.8 Max	2.0±0.2	5.50	1.60	5.30

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0528GHC-1R5MT	1.5±20%	1M/1V	12.6	14.0	10.6	12.0	11.2	9
ACDMR0528GHC-3R3MT	3.3±20%	1M/1V	5.0	5.7	5.5	6.5	30	25



ACDMR0530M SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0530M	5.4±0.4	5.2±0.3	3.0 Max	1.2±0.2	2.2±0.3	6.0 Ref	2.2 Ref	2.5 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR0530M-R10MT	0.1±20%	100K/1V	33	25	3	2.4
ACDMR0530M-R20MT	0.2±20%	100K/1V	14.5	14	3.9	3.5
ACDMR0530M-R33MT	0.33±20%	100K/1V	18	14	5.5	4.5
ACDMR0530M-R35MT	0.35±20%	100K/1V	18	14	5.5	4.5
ACDMR0530M-R47MT	0.47±20%	100K/1V	12	11	8.5	7.4
ACDMR0530M-R68MT	0.68±20%	100K/1V	11.5	9	12	11
ACDMR0530M-1R0MT	1.0±20%	100K/1V	11	8.5	14	13
ACDMR0530M-1R2MT	1.2±20%	100K/1V	11	8.5	16	15
ACDMR0530M-1R5MT	1.5±20%	100K/1V	8.5	8.2	25	20
ACDMR0530M-2R2MT	2.2±20%	100K/1V	7.5	7	29	25
ACDMR0530M-3R3MT	3.3±20%	100K/1V	6	5.5	38	32
ACDMR0530M-4R7MT	4.7±20%	100K/1V	5	4.5	60	50
ACDMR0530M-6R8MT	6.8±20%	100K/1V	4	3.5	90	75
ACDMR0530M-100MT	10±20%	100K/1V	3.5	3.2	125	110



ACDMR0530GHC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR0530GHC	5.2±0.2	5.0±0.2	3.0 Max	2.0±0.2	5.50	1.60	5.30

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0530GHC-R15MT	0.15±20%	1M/1V	41.0	43.0	24.0	25.0	1.45	1.05
ACDMR0530GHC-R16MT	0.16±20%	1M/1V	40.0	42.0	23.0	24.0	1.5	1.1
ACDMR0530GHC-R22MT	0.22±20%	1M/1V	34.0	36.0	20.0	22.0	1.65	1.4
ACDMR0530GHC-R30MT	0.3±20%	1M/1V	27.0	29.0	21.0	22.0	1.8	1.5
ACDMR0530GHC-R33MT	0.33±20%	1M/1V	26.0	28.0	19.0	21.0	2	1.6
ACDMR0530GHC-R47MT	0.47±20%	1M/1V	23.0	26.0	18.0	21.0	3	2.5
ACDMR0530GHC-R56MT	0.56±20%	1M/1V	21.0	24.0	18.0	20.0	3.6	3
ACDMR0530GHC-R68MT	0.68±20%	1M/1V	18.5	21.0	16.0	19.0	4.6	3.8
ACDMR0530GHC-1R0MT	1.0±20%	1M/1V	16.5	19.0	10.0	12.2	7.6	6
ACDMR0530GHC-1R2MT	1.2±20%	1M/1V	13.5	15.0	11.0	13.0	6	5.2
ACDMR0530GHC-2R2MT	2.2±20%	1M/1V	10.0	12.0	9.0	10.0	14	12
ACDMR0530GHC-3R3MT	3.3±20%	1M/1V	9.0	10.0	8.0	9.0	27	24
ACDMR0530GHC-4R7MT	4.7±20%	1M/1V	8.0	9.0	6.0	7.0	32	29
ACDMR0530GHC-6R8MT	6.8±20%	1M/1V	7.0	8.0	5.0	6.0	40	37
ACDMR0530GHC-100MT	10±20%	1M/1V	4.5	5.5	4.0	5.0	68	59



ACDMR0540GHC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR0540GHC	5.2±0.2	5.0±0.2	4.0 Max	2.0±0.2	5.50	1.60	5.30

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0540GHC-1R0MT	1.0±20%	1M/1V	16.0	18.0	15.0	17.0	5.5	4.5
ACDMR0540GHC-2R2MT	2.2±20%	1M/1V	11.5	12.5	9.0	11.0	10.5	9
ACDMR0540GHC-4R7MT	4.7±20%	1M/1V	7.0	8.5	5.5	7.0	36	32
ACDMR0540GHC-6R8MT	6.8±20%	1M/1V	7.0	9.0	5.0	7.0	44	40
ACDMR0540GHC-100MT	10±20%	1M/1V	5.7	6.5	4.5	5.5	52	45
ACDMR0540GHC-220MT	22±20%	1M/1V	4.0	4.6	2.5	3.3	115	97



ACDMR0610Q SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0610Q	6.1±0.4	6.1±0.4	1.0 Max	1.75±0.3	4.0±0.3	7.5 Ref	2.8 Ref	4.5 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0610Q-2R2MT	2.2±20%	100K/1V	4.3	4.8	2.8	3.2	102	85
ACDMR0610Q-4R7MT	4.7±20%	100K/1V	2.5	2.8	2.0	2.2	172	144
ACDMR0610Q-6R8MT	6.8±20%	100K/1V	2.2	2.5	1.8	2.0	197	164
ACDMR0610Q-100MT	10±20%	100K/1V	1.9	2.1	1.4	1.6	310	259



ACDMR0612(A)Z SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0612(A)Z	6.1±0.4	6.1±0.4	1.2 Max	1.75±0.3	4.0±0.3	7.5 Ref	2.8 Ref	4.5 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0612Z-4R7MT	4.7±20%	100K/1V	3.2	3.6	2.8	3.2	103	86
ACDMR0612Z-100MT	10.0±20%	100K/1V	2.5	2.8	1.9	2.1	230	192
ACDMR0612AZ-4R7MT	4.7±20%	100K/1V	4.5	5.0	3.0	3.2	103	86



ACDMR0630GHC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR0630GHC	6.2±0.2	6.0±0.2	3.0 Max	2.6±0.2	6.50	2.00	6.30

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0630GHC-R15MT	0.15±20%	1M/1V	48.0	55.0	29.0	32.0	1.35	1.1
ACDMR0630GHC-R33MT	0.33±20%	1M/1V	33.0	36.0	16.0	18.0	2.2	1.85
ACDMR0630GHC-R56MT	0.56±20%	1M/1V	25.0	28.0	14.0	16.0	2.9	2.4
ACDMR0630GHC-R68MT	0.68±20%	1M/1V	24.0	27.0	13.0	15.5	4.5	3.8
ACDMR0630GHC-3R3MT	3.3±20%	1M/1V	11.0	13.5	7.5	9.0	18	15.5
ACDMR0630GHC-4R7MT	4.7±20%	1M/1V	9.5	11.0	7.0	8.3	19	17
ACDMR0630GHC-5R6MT	5.6±20%	1M/1V	8.0	10.0	5.3	6.2	24	21
ACDMR0630GHC-100MT	10±20%	1M/1V	5.5	6.3	3.7	4.3	58	49



ACDMR0640GHC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR0640GHC	6.2±0.2	6.0±0.2	4.0 Max	2.6±0.2	6.50	2.00	6.30

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0640GHC-R15MT	0.15±20%	1M/1V	60.0	65.0	30.0	35.0	1.32	1.12
ACDMR0640GHC-1R0MT	1.0±20%	1M/1V	18.0	20.0	14.0	16.0	5.8	4.5
ACDMR0640GHC-2R2MT	2.2±20%	1M/1V	15.0	18.0	14.0	16.0	7	5.6
ACDMR0640GHC-4R7MT	4.7±20%	1M/1V	8.5	10.5	8.0	9.5	18	15
ACDMR0640GHC-100MT	10±20%	1M/1V	7.5	9.0	5.3	6.2	42	35



ACDMR0650GHC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR0650GHC	6.2±0.2	6.0±0.2	5.0 Max	2.6±0.2	6.50	2.00	6.30

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0650GHC-1R5MT	1.5±20%	1M/1V	19.0	21.0	16.0	18.0	6.3	5
ACDMR0650GHC-3R3MT	3.3±20%	1M/1V	12.0	14.0	12.0	13.0	8	7.2
ACDMR0650GHC-4R7MT	4.7±20%	1M/1V	10.0	12.0	11.0	12.5	10.5	9.2
ACDMR0650GHC-8R2MT	8.2±20%	1M/1V	7.0	7.5	8.0	10.0	23	20



ACDMR0660GHC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR0660GHC	6.2±0.2	6.0±0.2	6.0 Max	2.6±0.2	6.50	2.00	6.30

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0660GHC-1R0MT	1.0±20%	1M/1V	26.0	29.0	18.0	21.0	3.1	2.6
ACDMR0660GHC-2R2MT	2.2±20%	1M/1V	17.0	20.0	13.0	14.5	5.4	4.5
ACDMR0660GHC-3R3MT	3.3±20%	1M/1V	13.0	14.0	12.0	13.0	8.4	7
ACDMR0660GHC-4R7MT	4.7±20%	1M/1V	11.5	13.0	11.5	12.8	10.8	9
ACDMR0660GHC-6R8MT	6.8±20%	1M/1V	11.0	13.0	9.5	11.0	19	16
ACDMR0660GHC-100MT	10±20%	1M/1V	9.0	11.0	7.3	8.5	21	18
ACDMR0660GHC-150MT	15±20%	1M/1V	5.0	5.8	4.5	6.0	43.5	38
ACDMR0660GHC-220MT	22±20%	1M/1V	4.8	5.6	3.8	5.0	60	52



ACDMR0715GHC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR0715GHC	7.2±0.2	7.0±0.2	1.5 Max	2.6±0.2	7.50	2.40	7.30

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0715GHC-R68MT	0.68±20%	1M/1V	14.5	16.0	10.0	11.0	10.5	9
ACDMR0715GHC-2R2MT	2.2±20%	1M/1V	6.3	6.8	5.0	5.5	36	30
ACDMR0715GHC-100MT	10±20%	1M/1V	3.5	3.8	2.5	3.0	145	132



ACDMR0718(A)M SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0718(A)M	7.0±0.4	6.6±0.3	1.8 Max	1.6±0.3	3.0±0.3	8.4 Ref	3.7 Ref	3.5 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR0718M-R10MT	0.1±20%	100K/1V	38	25	2.3	2
ACDMR0718M-R12MT	0.12±20%	100K/1V	24	22	3.5	3
ACDMR0718M-R47MT	0.47±20%	100K/1V	18	11.5	8.4	8
ACDMR0718M-R68MT	0.68±20%	100K/1V	17	9.5	12	10
ACDMR0718M-1R0MT	1.0±20%	100K/1V	14	8.5	16	13
ACDMR0718M-1R5MT	1.5±20%	100K/1V	9.2	8.0	26	20
ACDMR0718M-2R2MT	2.2±20%	100K/1V	8.0	7.0	35	28
ACDMR0718M-3R3MT	3.3±20%	100K/1V	6.5	4.5	50	43
ACDMR0718M-4R7MT	4.7±20%	100K/1V	5.0	4.0	62	56
ACDMR0718M-6R8MT	6.8±20%	100K/1V	4.5	3.0	110	101
ACDMR0718M-100MT	10±20%	100K/1V	2.5	2.3	155	140
ACDMR0718M-220MT	22±20%	100K/1V	2.3	1.8	350	310
ACDMR0718AM-100MT	10±20%	100K/1V	4.0	2.3	155	140



ACDMR0720MW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0720MW	7.4 Max	6.6±0.2	2.0 Max	1.6±0.3	3.0±0.2	8.7 Ref	3.7 Ref	3.5 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR0720MW-R10MT	0.10±20%	100K/1V	30	15	2.8	2.2
ACDMR0720MW-R22MT	0.22±20%	100K/1V	22	13	7	5.7
ACDMR0720MW-R68MT	0.68±20%	100K/1V	15	9	13.5	11.5
ACDMR0720MW-1R0MT	1.0±20%	100K/1V	12	7	19	16
ACDMR0720MW-2R2MT	2.2±20%	100K/1V	8	5	35	32
ACDMR0720MW-3R3MT	3.3±20%	100K/1V	7	4.5	70	60
ACDMR0720MW-4R7MT	4.7±20%	100K/1V	6	3.5	73	64
ACDMR0720MW-6R8MT	6.8±20%	100K/1V	4	2.5	122	110



ACDMR0720TW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0720TW	7.4 Max	6.6±0.2	2.0 Max	1.6±0.3	3.0±0.2	8.7 Ref	3.7 Ref	3.5 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR0720TW-R10MT	0.10±20%	100K/1V	45	21	3.3	2.7
ACDMR0720TW-R22MT	0.22±20%	100K/1V	30	17	3.5	2.8
ACDMR0720TW-R33MT	0.33±20%	100K/1V	26	15	7	5.6
ACDMR0720TW-R47MT	0.47±20%	100K/1V	23	11	7.8	6.1
ACDMR0720TW-R68MT	0.68±20%	100K/1V	21	10	12	9.8
ACDMR0720TW-1R0MT	1.0±20%	100K/1V	20	9	19	16
ACDMR0720TW-1R5MT	1.5±20%	100K/1V	18	8	26	22
ACDMR0720TW-2R2MT	2.2±20%	100K/1V	12	6	38	32
ACDMR0720TW-3R3MT	3.3±20%	100K/1V	9	5	53	45
ACDMR0720TW-4R7MT	4.7±20%	100K/1V	8	4.5	62	53
ACDMR0720TW-6R8MT	6.8±20%	100K/1V	6	4	128	114
ACDMR0720TW-100MT	10±20%	100K/1V	5	3	163	147



ACDMR0720GHC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR0720GHC	7.2±0.2	7.0±0.2	2.0 Max	2.6±0.2	7.50	2.40	7.30

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0720GHC-1R5MT	1.5±20%	1M/1V	15.0	16.0	10.0	11.0	12	11
ACDMR0720GHC-2R2MT	2.2±20%	1M/1V	10.5	12.0	9.0	11.0	15	12



ACDMR0724W SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0724W	7.4 Max	6.6±0.2	2.4 Max	1.6±0.3	3.0±0.2	8.7 Ref	3.7 Ref	3.5 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR0724W-R10MT	0.1±20%	100K/1V	35	20	2.1	1.6
ACDMR0724W-R22MT	0.22±20%	100K/1V	21	12	2.2	1.8
ACDMR0724W-1R0MT	1.0±20%	100K/1V	11	7	12.0	9.3
ACDMR0724W-1R5MT	1.5±20%	100K/1V	10	6	17.0	14.0
ACDMR0724W-2R2MT	2.2±20%	100K/1V	9	5.5	26.0	22.5
ACDMR0724W-3R3MT	3.3±20%	100K/1V	9	5	35.0	30.0
ACDMR0724W-4R7MT	4.7±20%	100K/1V	7	4	50.0	41.0
ACDMR0724W-6R8MT	6.8±20%	100K/1V	5	3	72.0	64.0
ACDMR0724W-8R2MT	8.2±20%	100K/1V	4.5	2.8	90.0	80.0
ACDMR0724W-100MT	10±20%	100K/1V	4.0	2.5	98	86



ACDMR0724MW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0724MW	7.4 Max	6.6±0.2	2.4 Max	1.6±0.3	3.0±0.2	8.7 Ref	3.7 Ref	3.5 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR0724MW-R47MT	0.47±20%	100K/1V	17	12	6.0	/
ACDMR0724MW-100MT	10±20%	100K/1V	4.5	3.1	101	89



ACDMR0724TW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0724TW	7.4 Max	6.6±0.2	2.4 Max	1.6±0.3	3.0±0.2	8.7 Ref	3.7 Ref	3.5 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR0724TW-R10MT	0.1±20%	100K/1V	60	30	1.6	1.3
ACDMR0724TW-R22MT	0.22±20%	100K/1V	34	21	3.0	2.5
ACDMR0724TW-R47MT	0.47±20%	100K/1V	26	16	4.8	4.0
ACDMR0724TW-R68MT	0.68±20%	100K/1V	23	14	8.5	7.1
ACDMR0724TW-R82MT	0.82±20%	100K/1V	22	13	11.5	9.6
ACDMR0724TW-1R0MT	1.0±20%	100K/1V	22	12	13.0	11.3
ACDMR0724TW-1R5MT	1.5±20%	100K/1V	19	10	17.0	14.0
ACDMR0724TW-2R2MT	2.2±20%	100K/1V	14	8	26.0	22.0
ACDMR0724TW-3R3MT	3.3±20%	100K/1V	12	7	38.0	32.0
ACDMR0724TW-4R7MT	4.7±20%	100K/1V	11	6	55.0	47.0
ACDMR0724TW-6R8MT	6.8±20%	100K/1V	9	5	75.0	65.0
ACDMR0724TW-8R2MT	8.2±20%	100K/1V	8	4.5	90.0	82.0
ACDMR0724TW-100MT	10±20%	100K/1V	7	4	95.0	86.0
ACDMR0724TW-150MT	15±20%	100K/1V	6.0	3.5	136	122



ACDMR0730W SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0730W	7.4 Max	6.6±0.2	3.0 Max	1.6±0.3	3.0±0.2	8.7 Ref	3.7 Ref	3.5 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR0730W-R10MT	0.10±20%	100K/1V	35	20	2.0	1.6
ACDMR0730W-R22MT	0.22±20%	100K/1V	30	18	2.1	1.7
ACDMR0730W-R33MT	0.33±20%	100K/1V	26	17	2.7	2.2
ACDMR0730W-R36MT	0.36±20%	100K/1V	25	16	3	2.4
ACDMR0730W-R47MT	0.47±20%	100K/1V	22	15	3.8	2.9
ACDMR0730W-R56MT	0.56±20%	100K/1V	20	14	5	4
ACDMR0730W-R68MT	0.68±20%	100K/1V	17	13	6	4.8
ACDMR0730W-1R0MT	1.0±20%	100K/1V	15	11	8	6.8
ACDMR0730W-1R2MT	1.2±20%	100K/1V	14	10	10	8.9
ACDMR0730W-1R5MT	1.5±20%	100K/1V	12	9	11	9.1
ACDMR0730W-2R2MT	2.2±20%	100K/1V	10	8	16	13
ACDMR0730W-3R3MT	3.3±20%	100K/1V	9	7	22	19
ACDMR0730W-4R7MT	4.7±20%	100K/1V	8	6	38	32.7
ACDMR0730W-5R6MT	5.6±20%	100K/1V	7	5	48	41
ACDMR0730W-6R8MT	6.8±20%	100K/1V	6	4	53	45
ACDMR0730W-8R2MT	8.2±20%	100K/1V	5.5	3.5	60	50
ACDMR0730W-100MT	10±20%	100K/1V	5	3	76	66
ACDMR0730W-120MT	12±20%	100K/1V	4.5	2.8	85	74
ACDMR0730W-150MT	15±20%	100K/1V	4	2.5	115	105
ACDMR0730W-220MT	22±20%	100K/1V	3	2.3	135	122
ACDMR0730W-330MT	33±20%	100K/1V	2.8	2	210	193



ACDMR0730MW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0730MW	7.4 Max	6.6±0.2	3.0 Max	1.6±0.3	3.0±0.2	8.7 Ref	3.7 Ref	3.5 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR0730MW-R10MT	0.1±20%	100K/1V	55	32.5	1.6	1.35
ACDMR0730MW-R15MT	0.15±20%	100K/1V	40	30	2.5	1.7
ACDMR0730MW-R22MT	0.22±20%	100K/1V	34	23	2.8	2.2
ACDMR0730MW-R33MT	0.33±20%	100K/1V	27	21	2.6	2.3
ACDMR0730MW-R47MT	0.47±20%	100K/1V	20	18	4.1	3.5
ACDMR0730MW-R56MT	0.56±20%	100K/1V	18	17	4.9	4.3
ACDMR0730MW-R68MT	0.68±20%	100K/1V	17	16	5.3	5
ACDMR0730MW-R82MT	0.82±20%	100K/1V	16	13	6.9	6
ACDMR0730MW-1R0MT	1±20%	100K/1V	15	12	7.4	6.8
ACDMR0730MW-1R2MT	1.2±20%	100K/1V	14	10.5	10.5	8
ACDMR0730MW-1R5MT	1.5±20%	100K/1V	14	10	12.1	9.1
ACDMR0730MW-2R2MT	2.2±20%	100K/1V	11	8	19	/
ACDMR0730MW-3R3MT	3.3±20%	100K/1V	9.5	8	22	20.5
ACDMR0730MW-4R7MT	4.7±20%	100K/1V	9	6	33	28
ACDMR0730MW-5R6MT	5.6±20%	100K/1V	8	5.5	38	34
ACDMR0730MW-6R8MT	6.8±20%	100K/1V	6.1	5	48	44
ACDMR0730MW-8R2MT	8.2±20%	100K/1V	5.5	4.5	65	56
ACDMR0730MW-100MT	10±20%	100K/1V	5	4	68	62
ACDMR0730MW-150MT	15±20%	100K/1V	4	3	115	110



ACDMR0730TW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0730TW	7.4 Max	6.6±0.2	3.0 Max	1.6±0.3	3.0±0.2	8.7 Ref	3.7 Ref	3.5 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR0730TW-R10MT	0.10±20%	100K/1V	75	30	1.5	1.2
ACDMR0730TW-R12MT	0.12±20%	100K/1V	60	29	2.1	1.7
ACDMR0730TW-R15MT	0.15±20%	100K/1V	53	28	2.1	1.7
ACDMR0730TW-R22MT	0.22±20%	100K/1V	45	25	2.7	2.3
ACDMR0730TW-R33MT	0.33±20%	100K/1V	35	23	3.2	2.6
ACDMR0730TW-R36MT	0.36±20%	100K/1V	32	22	4	3.2
ACDMR0730TW-R47MT	0.47±20%	100K/1V	31	21	4.5	3.5
ACDMR0730TW-R68MT	0.68±20%	100K/1V	30	20	6	4.9
ACDMR0730TW-R82MT	0.82±20%	100K/1V	28	16	8.5	7.3
ACDMR0730TW-1R0MT	1.0±20%	100K/1V	26	13	9	7.5
ACDMR0730TW-1R2MT	1.2±20%	100K/1V	22	12	11	9.3
ACDMR0730TW-1R5MT	1.5±20%	100K/1V	20	11	13	10.5
ACDMR0730TW-2R2MT	2.2±20%	100K/1V	18	10	18.5	14.5
ACDMR0730TW-3R3MT	3.3±20%	100K/1V	15	9	30	25
ACDMR0730TW-4R7MT	4.7±20%	100K/1V	14	8	40	36
ACDMR0730TW-5R6MT	5.6±20%	100K/1V	13	7	51	43
ACDMR0730TW-6R8MT	6.8±20%	100K/1V	11	6	63	54
ACDMR0730TW-100MT	10±20%	100K/1V	8	4.5	88	78
ACDMR0730TW-150MT	15±20%	100K/1V	6	3.5	105	94
ACDMR0730TW-220MT	22±20%	100K/1V	4	2.5	138	122



ACDMR0730GHC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR0730GHC	7.2±0.2	7.0±0.2	3.0 Max	2.6±0.2	7.50	2.40	7.30

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0730GHC-R47MT	0.47±20%	1M/1V	31.0	33.0	27.0	28.0	3.2	2.6
ACDMR0730GHC-R68MT	0.68±20%	1M/1V	26.0	28.0	23.0	24.0	4	3.3
ACDMR0730GHC-1R0MT	1.0±20%	1M/1V	21.0	26.0	17.0	20.0	4.5	3.8
ACDMR0730GHC-1R5MT	1.5±20%	1M/1V	19.0	22.0	12.0	15.0	8.3	6.9
ACDMR0730GHC-2R2MT	2.2±20%	1M/1V	18.0	21.0	10.0	13.0	13	11
ACDMR0730GHC-3R3MT	3.3±20%	1M/1V	12.0	14.0	9.5	12.0	15	13
ACDMR0730GHC-4R7MT	4.7±20%	1M/1V	9.5	12.0	8.5	10.0	19	16
ACDMR0730GHC-5R6MT	5.6±20%	1M/1V	9.0	10.5	8.0	9.0	26	22
ACDMR0730GHC-8R2MT	8.2±20%	1M/1V	7.0	8.5	5.5	6.5	40	34
ACDMR0730GHC-100MT	10±20%	1M/1V	6.5	8.0	5.0	6.0	45	38
ACDMR0730GHC-220MT	22±20%	1M/1V	4.5	5.5	3.3	3.8	120	105



ACDMR0740W SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0740W	7.4 Max	6.6±0.2	4.0 Max	1.6±0.3	3.0±0.2	8.7 Ref	3.7 Ref	3.5 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR0740W-R22MT	0.22±20%	100K/1V	30	19	2.6	2.15
ACDMR0740W-R33MT	0.33±20%	100K/1V	28	18	2.6	2.2
ACDMR0740W-1R0MT	1.0±20%	100K/1V	16	12	6.6	5
ACDMR0740W-1R5MT	1.5±20%	100K/1V	14	10	8.8	7
ACDMR0740W-2R2MT	2.2±20%	100K/1V	12	9	13	10
ACDMR0740W-3R3MT	3.3±20%	100K/1V	10	8	18	15
ACDMR0740W-4R7MT	4.7±20%	100K/1V	9	7.2	25	22
ACDMR0740W-5R6MT	5.6±20%	100K/1V	8	7	26	23
ACDMR0740W-6R8MT	6.8±20%	100K/1V	7	5	40	34
ACDMR0740W-8R2MT	8.2±20%	100K/1V	7	4	61	51
ACDMR0740W-100MT	10±20%	100K/1V	6	3.5	61	51
ACDMR0740W-150MT	15±20%	100K/1V	5	3	76	64
ACDMR0740W-220MT	22±20%	100K/1V	4	2.5	130	113
ACDMR0740W-330MT	33±20%	100K/1V	3	2	180	166



ACDMR0740TW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0740TW	7.4 Max	6.6±0.2	4.0 Max	1.6±0.3	3.0±0.2	8.7 Ref	3.7 Ref	3.5 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR0740TW-R15MT	0.15±20%	100K/1V	65	40	0.8	0.65
ACDMR0740TW-R56MT	0.56±20%	100K/1V	30	22	4.5	3.5
ACDMR0740TW-1R0MT	1.0±20%	100K/1V	25	14	7	5.7
ACDMR0740TW-2R2MT	2.2±20%	100K/1V	20	11	13.5	11.2
ACDMR0740TW-3R3MT	3.3±20%	100K/1V	16	9	18	15
ACDMR0740TW-4R7MT	4.7±20%	100K/1V	15	8	26	22
ACDMR0740TW-5R6MT	5.6±20%	100K/1V	14	7	35	29
ACDMR0740TW-6R8MT	6.8±20%	100K/1V	13	6.5	37	31
ACDMR0740TW-100MT	10±20%	100K/1V	12	5	70	59
ACDMR0740TW-120MT	12±20%	100K/1V	8	4	80	65
ACDMR0740TW-150MT	15±20%	100K/1V	9	4.5	89	77.8
ACDMR0740TW-220MT	22±20%	100K/1V	5.5	3.5	155	140



ACDMR0740GHC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR0740GHC	7.2±0.2	7.0±0.2	4.0 Max	2.6±0.2	7.50	2.40	7.30

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0740GHC-R22MT	0.22±20%	1M/1V	45.0	50.0	28.0	32.0	1.05	0.85
ACDMR0740GHC-4R7MT	4.7±20%	1M/1V	13.5	14.5	8.0	9.0	16.5	14



ACDMR0750W SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0750W	7.6 Max	6.6±0.2	5.0 Max	1.6±0.3	3.0±0.2	8.7 Ref	3.7 Ref	3.5 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR0750W-R10MT	0.10±20%	100K/1V	50	35	1.6	1.3
ACDMR0750W-R22MT	0.22±20%	100K/1V	35	23	2	1.6
ACDMR0750W-R33MT	0.33±20%	100K/1V	28	20	2.8	2.2
ACDMR0750W-R47MT	0.47±20%	100K/1V	25	19	3.6	2.8
ACDMR0750W-R56MT	0.56±20%	100K/1V	22	18	4.5	3.4
ACDMR0750W-R68MT	0.68±20%	100K/1V	20	16	5.3	4.2
ACDMR0750W-R82MT	0.82±20%	100K/1V	19	14	6	5
ACDMR0750W-1R0MT	1.0±20%	100K/1V	18	12	6.8	5.7
ACDMR0750W-1R2MT	1.2±20%	100K/1V	16	11	6.8	5.7
ACDMR0750W-1R5MT	1.5±20%	100K/1V	14	10	8	6.8
ACDMR0750W-2R2MT	2.2±20%	100K/1V	13	9	12.5	10.4
ACDMR0750W-3R3MT	3.3±20%	100K/1V	11	7	15.5	13
ACDMR0750W-4R7MT	4.7±20%	100K/1V	10	6	20	17
ACDMR0750W-5R6MT	5.6±20%	100K/1V	8.5	5.5	23	19.2
ACDMR0750W-6R8MT	6.8±20%	100K/1V	8	5	28	24.3
ACDMR0750W-8R2MT	8.2±20%	100K/1V	7.5	4.8	41	35
ACDMR0750W-100MT	10±20%	100K/1V	7	4.5	41	35
ACDMR0750W-120MT	12±20%	100K/1V	6.5	3.8	53	46.5
ACDMR0750W-150MT	15±20%	100K/1V	6	3.5	62	52

ACDMR0750W-180MT	18±20%	100K/1V	5.5	3	88	75
ACDMR0750W-220MT	22±20%	100K/1V	5	3	96	87
ACDMR0750W-330MT	33±20%	100K/1V	4	2.5	155	143
ACDMR0750W-470MT	47±20%	100K/1V	2.5	1.8	208	190
ACDMR0750W-560MT	56±20%	100K/1V	2.3	1.6	242	224
ACDMR0750W-680MT	68±20%	100K/1V	2	1.5	310	285
ACDMR0750W-101MT	100±20%	100K/1V	1.5	1.2	420	400



ACDMR0750MW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0750MW	7.6 Max	6.6±0.2	5.0 Max	1.6±0.3	3.0±0.2	8.7 Ref	3.7 Ref	3.5 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR0750MW-R47MT	0.47±20%	100K/1V	24	20	3.9	3
ACDMR0750MW-1R0MT	1.0±20%	100K/1V	16	10	7.1	6
ACDMR0750MW-1R5MT	1.5±20%	100K/1V	13	9.5	9	7.6
ACDMR0750MW-2R2MT	2.2±20%	100K/1V	11	9	15	9.8
ACDMR0750MW-3R3MT	3.3±20%	100K/1V	10	8.5	17	14
ACDMR0750MW-4R7MT	4.7±20%	100K/1V	9	5	23	20
ACDMR0750MW-6R8MT	6.8±20%	100K/1V	8.5	4	35.5	30
ACDMR0750MW-220MT	22±20%	100K/1V	4.5	3.5	108	98



ACDMR0750TW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0750TW	7.6 Max	6.6±0.2	5.0 Max	1.6±0.3	3.0±0.2	8.7 Ref	3.7 Ref	3.5 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR0750TW-R47MT	0.47±20%	100K/1V	30	22	3.6	3.2
ACDMR0750TW-R56MT	0.56±20%	100K/1V	28	20	3.6	2.8
ACDMR0750TW-R68MT	0.68±20%	100K/1V	27.5	18	4.8	4.3
ACDMR0750TW-1R0MT	1.0±20%	100K/1V	26	15	7.5	6
ACDMR0750TW-1R5MT	1.5±20%	100K/1V	24	14	9	7.9
ACDMR0750TW-2R2MT	2.2±20%	100K/1V	18	11	12	9.8
ACDMR0750TW-3R3MT	3.3±20%	100K/1V	17	9	20	17.5
ACDMR0750TW-4R7MT	4.7±20%	100K/1V	16	7	32	28
ACDMR0750TW-5R6MT	5.6±20%	100K/1V	15	7	33	29
ACDMR0750TW-6R8MT	6.8±20%	100K/1V	13	6.5	40	33.5
ACDMR0750TW-100MT	10±20%	100K/1V	12	6	55	47
ACDMR0750TW-150MT	15±20%	100K/1V	10	5	93	82
ACDMR0750TW-220MT	22±20%	100K/1V	7	4	140	121
ACDMR0750TW-330MT	33±20%	100K/1V	6.5	3.5	158	135
ACDMR0750TW-470MT	47±20%	100K/1V	4	2.5	225	200



ACDMR0750GHC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR0750GHC	7.2±0.2	7.0±0.2	5.0 Max	2.6±0.2	7.50	2.40	7.30

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0750GHC-1R0MT	1.0±20%	1M/1V	29.0	32.0	19.0	20.0	3.2	2.7
ACDMR0750GHC-2R2MT	2.2±20%	1M/1V	23.0	26.0	17.0	20.0	6.6	5.6
ACDMR0750GHC-4R7MT	4.7±20%	1M/1V	14.5	17.0	12.0	13.0	12.5	10.5
ACDMR0750GHC-100MT	10±20%	1M/1V	9.0	11.0	8.0	9.0	26	22.5
ACDMR0750HC-220MT	22±20%	1M/1V	6.5	7.5	4.5	5.0	60.5	55
ACDMR0750GHC-330MT	33±20%	1M/1V	5.5	6.5	3.5	4.0	99	90
ACDMR0750GHC-470MT	47±20%	1M/1V	4.5	5.3	3.0	3.3	140	120



ACDMR0760GHC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR0760GHC	7.2±0.2	7.0±0.2	6.0 Max	2.6±0.2	7.50	2.40	7.30

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0760GHC-4R7MT	4.7±20%	1M/1V	16.0	18.0	12.0	13.0	14.5	12
ACDMR0760GHC-6R8MT	6.8±20%	1M/1V	13.0	15.0	8.0	9.5	17	14.3



ACDMR0830W SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0830W	9.2 Max	8.0±0.3	3.0 Max	1.8±0.3	3.0±0.2	9.8 Ref	4.8 Ref	3.5 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR0830W-1R0MT	1.0±20%	100K/1V	16	11	6.5	5.13
ACDMR0830W-1R5MT	1.5±20%	100K/1V	14	10	7.2	6
ACDMR0830W-1R8MT	1.8±20%	100K/1V	13	9.5	16	13
ACDMR0830W-2R2MT	2.2±20%	100K/1V	12	9	17	13.9
ACDMR0830W-3R3MT	3.3±20%	100K/1V	10	8	19	16
ACDMR0830W-100MT	10±20%	100K/1V	5	3	68	61.5
ACDMR0830W-220MT	22±20%	100K/1V	3.5	2.5	105	93



ACDMR0830TW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0830TW	9.2 Max	8.0±0.3	3.0 Max	1.8±0.3	3.0±0.2	9.8 Ref	4.8 Ref	3.5 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR0830TW-R22MT	0.22±20%	100K/1V	70	30	1.8	1.5
ACDMR0830TW-R33MT	0.33±20%	100K/1V	47	25	2.5	2.2
ACDMR0830TW-R47MT	0.47±20%	100K/1V	36	20	3.3	3.1
ACDMR0830TW-R68MT	0.68±20%	100K/1V	32	19	4	3.3
ACDMR0830TW-1R0MT	1.0±20%	100K/1V	30	16	8	6.5
ACDMR0830TW-1R5MT	1.5±20%	100K/1V	23	14	8	6.5
ACDMR0830TW-2R2MT	2.2±20%	100K/1V	18	12	12.5	10.5
ACDMR0830TW-3R3MT	3.3±20%	100K/1V	16	10	23	19
ACDMR0830TW-4R7MT	4.7±20%	100K/1V	15	9	38	31.5
ACDMR0830TW-5R6MT	5.6±20%	100K/1V	13	8	42	35
ACDMR0830TW-6R8MT	6.8±20%	100K/1V	12	7	53	46
ACDMR0830TW-8R2MT	8.2±20%	100K/1V	9.5	6.5	65	49
ACDMR0830TW-100MT	10±20%	100K/1V	8	6	65	54
ACDMR0830TW-330MT	33±20%	100K/1V	5	3	195	175



ACDMR0840W SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0840W	9.2 Max	8.0±0.3	4.0 Max	1.8±0.3	3.0±0.2	9.8 Ref	4.8 Ref	3.5 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR0840W-R22MT	0.22±20%	100K/1V	35	25	1	0.8
ACDMR0840W-R33MT	0.33±20%	100K/1V	30	23	2.5	2.1
ACDMR0840W-1R0MT	1.0±20%	100K/1V	18	13	4.5	3.8
ACDMR0840W-1R5MT	1.5±20%	100K/1V	16	12	8	6.4
ACDMR0840W-2R2MT	2.2±20%	100K/1V	15	10	9	7.3
ACDMR0840W-4R7MT	4.7±20%	100K/1V	11.5	8	19	16.5
ACDMR0840W-6R8MT	6.8±20%	100K/1V	10	6	27	24
ACDMR0840W-8R2MT	8.2±20%	100K/1V	8	5	48	40
ACDMR0840W-100MT	10±20%	100K/1V	7	5	48	40
ACDMR0840W-220MT	22±20%	100K/1V	5	3	115	103
ACDMR0840W-330MT	33±20%	100K/1V	4	2.5	168	154
ACDMR0840W-470MT	47±20%	100K/1V	3.5	2	200	179



ACDMR0840MW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0840MW	9.2 Max	8.0±0.3	4.0 Max	1.8±0.3	3.0±0.2	9.8 Ref	4.8 Ref	3.5 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR0840MW-R10MT	0.1±20%	100K/1V	80	40	0.9	0.7
ACDMR0840MW-R22MT	0.22±20%	100K/1V	55	30	1.35	1.1
ACDMR0840MW-R33MT	0.33±20%	100K/1V	35	22	1.8	1.5
ACDMR0840MW-R47MT	0.47±20%	100K/1V	23	18	2.8	2.3
ACDMR0840MW-R68MT	0.68±20%	100K/1V	22	17	4.2	3.5
ACDMR0840MW-R82MT	0.82±20%	100K/1V	20	15	3.6	3
ACDMR0840MW-1R0MT	1.0±20%	100K/1V	18	14	5.5	4.6
ACDMR0840MW-2R2MT	2.2±20%	100K/1V	17	12	12.5	10
ACDMR0840MW-3R3MT	3.3±20%	100K/1V	15	8	19	16
ACDMR0840MW-5R6MT	5.6±20%	100K/1V	11	7	28	24
ACDMR0840MW-6R8MT	6.8±20%	100K/1V	9	6	37	32
ACDMR0840MW-8R2MT	8.2±20%	100K/1V	8.5	5.5	52	45
ACDMR0840MW-100MT	10±20%	100K/1V	8	5	60	52
ACDMR0840MW-150MT	15±20%	100K/1V	6	4	73	64
ACDMR0840MW-220MT	22±20%	100K/1V	5	3	115	102
ACDMR0840MW-330MT	33±20%	100K/1V	4	2.5	160	140
ACDMR0840MW-470MT	47±20%	100K/1V	3.5	2	230	200



ACDMR0840TW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0840TW	9.2 Max	8.0±0.3	4.0 Max	1.8±0.3	3.0±0.2	9.8 Ref	4.8 Ref	3.5 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR0840TW-R22MT	0.22±20%	100K/1V	60	34	1.35	1.1
ACDMR0840TW-R33MT	0.33±20%	100K/1V	55	27.5	2.2	1.9
ACDMR0840TW-R47MT	0.47±20%	100K/1V	35	25	2.38	1.92
ACDMR0840TW-R68MT	0.68±20%	100K/1V	32	22	3.22	2.97
ACDMR0840TW-R82MT	0.82±20%	100K/1V	30	20	3.8	3
ACDMR0840TW-1R0MT	1.0±20%	100K/1V	27	18.2	4.63	3.96
ACDMR0840TW-1R2MT	1.2±20%	100K/1V	25	18	5.5	4.7
ACDMR0840TW-1R5MT	1.5±20%	100K/1V	24	17	6.5	5.3
ACDMR0840TW-2R2MT	2.2±20%	100K/1V	22	14.5	9.41	8.8
ACDMR0840TW-3R3MT	3.3±20%	100K/1V	20	12	17.7	16
ACDMR0840TW-4R7MT	4.7±20%	100K/1V	18	11	22.6	20.2
ACDMR0840TW-5R6MT	5.6±20%	100K/1V	13	7.4	28.6	26.7
ACDMR0840TW-6R8MT	6.8±20%	100K/1V	12	7	33.4	31.2
ACDMR0840TW-8R2MT	8.2±20%	100K/1V	11	6	48	40.5
ACDMR0840TW-100MT	10±20%	100K/1V	10	6	55	48
ACDMR0840TW-150MT	15±20%	100K/1V	8	5	68	60
ACDMR0840TW-220MT	22±20%	100K/1V	7	4	110	102
ACDMR0840TW-470MT	47±20%	100K/1V	5.5	3	205	191



ACDMR0840GHC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR0840GHC	8.2±0.2	8.0±0.2	4.0 Max	2.8±0.2	8.50	2.60	8.30

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0840GHC-100MT	10±20%	1M/1V	10.0	13.0	8.0	10.0	30	26
ACDMR0840GHC-150MT	15±20%	1M/1V	8.0	10.0	6.0	8.0	50	42



ACDMR0850W SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0850W	9.2 Max	8.0±0.3	5.0 Max	1.8±0.3	3.0±0.2	9.8 Ref	4.8 Ref	3.5 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR0850W-R22MT	0.22±20%	100K/1V	35	20	1.2	0.9
ACDMR0850W-R68MT	0.68±20%	100K/1V	22	16	4.2	3.5
ACDMR0850W-R82MT	0.82±20%	100K/1V	20	15	4.8	4
ACDMR0850W-1R0MT	1.0±20%	100K/1V	19	14	4.8	4.1
ACDMR0850W-1R5MT	1.5±20%	100K/1V	18	13	6.5	5.5
ACDMR0850W-2R2MT	2.2±20%	100K/1V	17	11	9	7.5
ACDMR0850W-3R3MT	3.3±20%	100K/1V	15	10	12.5	10
ACDMR0850W-4R7MT	4.7±20%	100K/1V	13	9	19	16.5
ACDMR0850W-5R6MT	5.6±20%	100K/1V	12	8	23.5	19.8
ACDMR0850W-6R8MT	6.8±20%	100K/1V	11	7	25	21
ACDMR0850W-8R2MT	8.2±20%	100K/1V	10	6	36	30
ACDMR0850W-100MT	10±20%	100K/1V	9	5.5	37	31
ACDMR0850W-150MT	15±20%	100K/1V	8	5	60	52
ACDMR0850W-220MT	22±20%	100K/1V	7	4	79	69
ACDMR0850W-330MT	33±20%	100K/1V	5	3.5	135	122
ACDMR0850W-470MT	47±20%	100K/1V	4	3	165	151
ACDMR0850W-560MT	56±20%	100K/1V	3	2	176	161
ACDMR0850W-680MT	68±20%	100K/1V	2.5	1.8	206	188
ACDMR0850W-101MT	100±20%	100K/1V	2	1.5	310	285
ACDMR0850W-151MT	150±20%	100K/1V	1.8	1.2	430	402



ACDMR0850MW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0850MW	9.2 Max	8.0±0.3	5.0 Max	1.8±0.3	3.0±0.2	9.8 Ref	4.8 Ref	3.5 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR0850MW-1R0MT	1.0±20%	100K/1V	24	18	5.6	4.5
ACDMR0850MW-1R2MT	1.2±20%	100K/1V	19	16	5.6	4.5
ACDMR0850MW-1R5MT	1.5±20%	100K/1V	18	15	7	6
ACDMR0850MW-2R2MT	2.2±20%	100K/1V	16	12	10	8.5
ACDMR0850MW-3R3MT	3.3±20%	100K/1V	15	10	13.5	10.8
ACDMR0850MW-6R8MT	6.8±20%	100K/1V	12	8	31	27
ACDMR0850MW-220MT	22±20%	100K/1V	7	4.5	105	98
ACDMR0850MW-330MT	33±20%	100K/1V	4.2	4	130	121



ACDMR0850TW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR0850TW	9.2 Max	8.0±0.3	5.0 Max	1.8±0.3	3.0±0.2	9.8 Ref	4.8 Ref	3.5 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR0850TW-R15MT	0.15±20%	100K/1V	80	45	0.65	0.55
ACDMR0850TW-R22MT	0.22±20%	100K/1V	55	35	1	0.8
ACDMR0850TW-1R0MT	1.0±20%	100K/1V	30	20	5.5	4.7
ACDMR0850TW-1R2MT	1.2±20%	100K/1V	29	19	5.6	4.7
ACDMR0850TW-1R5MT	1.5±20%	100K/1V	28	17	7	6.1
ACDMR0850TW-2R2MT	2.2±20%	100K/1V	24	15	12	9.4
ACDMR0850TW-3R3MT	3.3±20%	100K/1V	23	12	11.5	10.2
ACDMR0850TW-4R7MT	4.7±20%	100K/1V	22	11	19	16.5
ACDMR0850TW-6R8MT	6.8±20%	100K/1V	18	10	31	26.5
ACDMR0850TW-100MT	10±20%	100K/1V	16	8	47	41
ACDMR0850TW-220MT	22±20%	100K/1V	11	5	95	87
ACDMR0850TW-330MT	33±20%	100K/1V	6	3	132	123



ACDMR0854GHC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR0854GHC	8.2±0.2	8.0±0.2	5.4 Max	2.8±0.2	8.50	2.60	8.30

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR0854GHC-1R0MT	1.0±20%	1M/1V	35.0	45.0	32.0	36.0	2.2	1.9
ACDMR0854GHC-2R2MT	2.2±20%	1M/1V	25.0	30.0	17.0	20.0	4.7	4.1
ACDMR0854GHC-4R7MT	4.7±20%	1M/1V	17.0	20.0	14.0	17.0	9	7.6
ACDMR0854GHC-100MT	10±20%	1M/1V	10.0	13.0	10.0	11.5	22	19



ACDMR1030YW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR1030YW	10.5±1.0	10.3±0.3	3.0 Max	2.0±0.5	3.0±0.3	13.0 Ref	6.0 Ref	4.0 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR1030YW-R12MT	0.12±20%	100K/1V	62	40	0.78	0.6
ACDMR1030YW-R22MT	0.22±20%	100K/1V	40	24	1.05	0.8
ACDMR1030YW-R36MT	0.36±20%	100K/1V	35	20	1.4	1.1
ACDMR1030YW-R56MT	0.56±20%	100K/1V	30	18	3.3	2.6
ACDMR1030YW-R68MT	0.68±20%	100K/1V	20	16	3.3	2.6
ACDMR1030YW-1R0MT	1.0±20%	100K/1V	16	9	5.5	4.5
ACDMR1030YW-2R2MT	2.2±20%	100K/1V	11	7	13.5	11
ACDMR1030YW-3R3MT	3.3±20%	100K/1V	10	6	16	13
ACDMR1030YW-4R7MT	4.7±20%	100K/1V	8	5.5	23	19
ACDMR1030YW-6R8MT	6.8±20%	100K/1V	7.5	5	28	24
ACDMR1030YW-8R2MT	8.2±20%	100K/1V	7	4.5	50	44
ACDMR1030YW-100MT	10±20%	100K/1V	6	4	66	58



ACDMR1030TW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR1030TW	10.5±1.0	10.3±0.3	3.0 Max	2.0±0.5	3.0±0.3	13.0 Ref	6.0 Ref	4.0 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR1030TW-R36MT	0.36±20%	100K/1V	55	25	1.5	1.3
ACDMR1030TW-1R0MT	1.0±20%	100K/1V	33	18	8	6.6
ACDMR1030TW-1R2MT	1.2±20%	100K/1V	32	17	8	6.6
ACDMR1030TW-1R5MT	1.5±20%	100K/1V	26	14	9.8	7.8
ACDMR1030TW-2R2MT	2.2±20%	100K/1V	20	12	11	9
ACDMR1030TW-3R3MT	3.3±20%	100K/1V	16	9	17	14
ACDMR1030TW-4R7MT	4.7±20%	100K/1V	15	8	19.5	16.5
ACDMR1030TW-6R8MT	6.8±20%	100K/1V	12	7	38	32.5



ACDMR1030GHC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR1030GHC	10.2±0.2	10.0±0.2	3.0 Max	3.6±0.2	10.50	3.20	10.30

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR1030GHC-3R3MT	3.3±20%	1M/1V	15.0	16.0	15.0	16.0	12	10
ACDMR1030GHC-4R7MT	4.7±20%	1M/1V	13.0	14.0	12.0	13.0	18	15
ACDMR1030GHC-6R8MT	6.8±20%	1M/1V	10.0	11.0	10.0	11.0	25	21
ACDMR1030GHC-100MT	10±20%	1M/1V	9.0	10.0	7.0	8.0	38	33



ACDMR1040W SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR1040W	10.5±1.0	10.3±0.3	4.0 Max	2.0±0.5	3.0±0.3	13.0 Ref	6.0 Ref	4.0 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR1040W-R15MT	0.15±20%	100K/1V	60	40	0.75	0.55
ACDMR1040W-R22MT	0.22±20%	100K/1V	48	30	0.8	0.6
ACDMR1040W-R33MT	0.33±20%	100K/1V	45	28	1.3	1
ACDMR1040W-R36MT	0.36±20%	100K/1V	40	25	1.3	1
ACDMR1040W-R47MT	0.47±20%	100K/1V	35	21	1.4	1.1
ACDMR1040W-R56MT	0.56±20%	100K/1V	32	19	2	1.6
ACDMR1040W-R68MT	0.68±20%	100K/1V	26	18	2	1.6
ACDMR1040W-R82MT	0.82±20%	100K/1V	24	16	2.5	2.1
ACDMR1040W-1R0MT	1.0±20%	100K/1V	22	14	2.5	2.1
ACDMR1040W-1R5MT	1.5±20%	100K/1V	20	12	5.2	4.3
ACDMR1040W-2R2MT	2.2±20%	100K/1V	18	10	8	6.1
ACDMR1040W-3R3MT	3.3±20%	100K/1V	16	9	11.5	9.4
ACDMR1040W-4R7MT	4.7±20%	100K/1V	13	8	14.5	12
ACDMR1040W-5R6MT	5.6±20%	100K/1V	12	7	19	16
ACDMR1040W-6R8MT	6.8±20%	100K/1V	10	6	21	18
ACDMR1040W-8R2MT	8.2±20%	100K/1V	9	5.5	32	28
ACDMR1040W-100MT	10±20%	100K/1V	8	5	36	31
ACDMR1040W-150MT	15±20%	100K/1V	7	4	60	51
ACDMR1040W-220MT	22±20%	100K/1V	6	3.5	65	58
ACDMR1040W-330MT	33±20%	100K/1V	5	3	100	88
ACDMR1040W-470MT	47±20%	100K/1V	3.5	2	145	132



ACDMR1040MW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR1040MW	10.50±1	10.30±0.3	4.0 Max	2.0±0.5	3.0±0.3	13.0 Ref	6.0 Ref	4.0 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR1040MW-R15MT	0.15±20%	100K/1V	70	45	0.55	0.47
ACDMR1040MW-R22MT	0.22±20%	100K/1V	60	35	1	0.55
ACDMR1040MW-R33MT	0.33±20%	100K/1V	46	30	1.3	1.1
ACDMR1040MW-R47MT	0.47±20%	100K/1V	44	29.5	1.3	1.1
ACDMR1040MW-R68MT	0.68±20%	100K/1V	32	23	1.9	1.6
ACDMR1040MW-1R0MT	1.0±20%	100K/1V	26	16	3	2.6
ACDMR1040MW-1R2MT	1.2±20%	100K/1V	24	15	5.2	4.3
ACDMR1040MW-1R5MT	1.5±20%	100K/1V	22	15	5.2	4.3
ACDMR1040MW-2R2MT	2.2±20%	100K/1V	18	13	8	6.6
ACDMR1040MW-3R3MT	3.3±20%	100K/1V	16	12	12.5	10.3
ACDMR1040MW-4R7MT	4.7±20%	100K/1V	14	10	20	17
ACDMR1040MW-5R6MT	5.6±20%	100K/1V	12.5	9	22	19
ACDMR1040MW-6R8MT	6.8±20%	100K/1V	12	8.5	25	20.5
ACDMR1040MW-8R2MT	8.2±20%	100K/1V	10	8	30	26
ACDMR1040MW-100MT	10±20%	100K/1V	9	7.5	36	30.5
ACDMR1040MW-150MT	15±20%	100K/1V	7	6.5	48	42
ACDMR1040MW-220MT	22±20%	100K/1V	6	5.2	65	58
ACDMR1040MW-330MT	33±20%	100K/1V	5	4	92	84



ACDMR1040TW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR1040TW	10.5±1.0	10.3±0.3	4.0 Max	2.0±0.5	3.0±0.3	13.0 Ref	6.0 Ref	4.0 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR1040TW-R19MT	0.19±20%	100K/1V	100	40	0.95	0.79
ACDMR1040TW-R22MT	0.22±20%	100K/1V	80	36	0.8	0.65
ACDMR1040TW-R33MT	0.33±20%	100K/1V	70	32	1.3	1.05
ACDMR1040TW-R36MT	0.36±20%	100K/1V	65	31	1.35	1.1
ACDMR1040TW-R47MT	0.47±20%	100K/1V	60	30	1.4	1.15
ACDMR1040TW-R56MT	0.56±20%	100K/1V	55	28	2	1.65
ACDMR1040TW-R68MT	0.68±20%	100K/1V	50	25	2.6	2.2
ACDMR1040TW-R82MT	0.82±20%	100K/1V	41	24	2.5	2.1
ACDMR1040TW-1R0MT	1.0±20%	100K/1V	40	22	2.5	2.15
ACDMR1040TW-1R2MT	1.2±20%	100K/1V	35	20	3.5	2.85
ACDMR1040TW-1R5MT	1.5±20%	100K/1V	30	18	5.2	4.3
ACDMR1040TW-2R2MT	2.2±20%	100K/1V	28	16	6.5	5.3
ACDMR1040TW-3R3MT	3.3±20%	100K/1V	25	14	13	10.3
ACDMR1040TW-4R7MT	4.7±20%	100K/1V	20	12	18	15.3
ACDMR1040TW-5R6MT	5.6±20%	100K/1V	16	10	18.5	15.5
ACDMR1040TW-6R8MT	6.8±20%	100K/1V	15	9	26	21.5
ACDMR1040TW-8R2MT	8.2±20%	100K/1V	14	8	36	30
ACDMR1040TW-100MT	10±20%	100K/1V	13	7	38	32
ACDMR1040TW-220MT	22±20%	100K/1V	9	5	65	58
ACDMR1040TW-330MT	33±20%	100K/1V	7.5	4.5	118	105
ACDMR1040TW-470MT	47±20%	100K/1V	5.5	3.6	145	129



ACDMR1040GHC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR1040GHC	10.2±0.2	10.0±0.2	4.0 Max	3.6±0.2	10.50	3.20	10.30

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR1040GHC-R47MT	0.47±20%	1M/1V	40.0	42.0	30.0	32.0	1.3	0.8
ACDMR1040GHC-1R0MT	1.0±20%	1M/1V	30.0	32.0	24.0	26.0	3	2.2
ACDMR1040GHC-2R2MT	2.2±20%	1M/1V	23.0	25.0	16.0	17.0	6	4.7
ACDMR1040GHC-3R3MT	3.3±20%	1M/1V	19.0	21.0	15.0	16.0	7.8	6.5
ACDMR1040GHC-4R7MT	4.7±20%	1M/1V	17.0	19.0	13.0	14.0	12.5	10.5
ACDMR1040GHC-6R8MT	6.8±20%	1M/1V	14.0	15.0	11.0	12.0	16	13.5
ACDMR1040GHC-100MT	10±20%	1M/1V	10.0	13.0	9.0	11.0	19.5	16
ACDMR1040GHC-220MT	22±20%	1M/1V	5.5	6.5	5.5	6.5	51	43



ACDMR1050W SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR1050W	10.5±1.0	10.3±0.3	5.0 Max	2.0±0.5	3.0±0.3	13.0 Ref	6.0 Ref	4.0 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR1050W-R36MT	0.36±20%	100K/1V	52	36	1.05	0.8
ACDMR1050W-R68MT	0.68±20%	100K/1V	35	20	1.9	1.6
ACDMR1050W-R82MT	0.82±20%	100K/1V	30	18	2.5	2.1
ACDMR1050W-1R0MT	1.0±20%	100K/1V	28	16	2.5	2.1
ACDMR1050W-1R2MT	1.2±20%	100K/1V	25	15	2.8	2.3
ACDMR1050W-1R5MT	1.5±20%	100K/1V	22	13	3.8	3.2
ACDMR1050W-2R2MT	2.2±20%	100K/1V	20	11	6	5
ACDMR1050W-3R3MT	3.3±20%	100K/1V	15	10	7	5.8
ACDMR1050W-4R7MT	4.7±20%	100K/1V	15	9	12	9.7
ACDMR1050W-5R6MT	5.6±20%	100K/1V	14	8.5	16	13.5
ACDMR1050W-6R8MT	6.8±20%	100K/1V	13	8	17	14.5
ACDMR1050W-8R2MT	8.2±20%	100K/1V	12	7	27	23
ACDMR1050W-100MT	10±20%	100K/1V	11	6.5	28	24.5
ACDMR1050W-150MT	15±20%	100K/1V	10	6	42	37
ACDMR1050W-220MT	22±20%	100K/1V	8	5	65	58
ACDMR1050W-330MT	33±20%	100K/1V	6	4.5	95	85
ACDMR1050W-470MT	47±20%	100K/1V	5.5	4	152	136
ACDMR1050W-680MT	68±20%	100K/1V	5	3	215	198
ACDMR1050W-820MT	82±20%	100K/1V	4.5	2.5	240	220
ACDMR1050W-101MT	100±20%	100K/1V	4	2.2	250	230
ACDMR1050W-151MT	150±20%	100K/1V	3.5	2	425	394
ACDMR1050W-181MT	180±20%	100K/1V	2.8	1.8	460	420
ACDMR1050W-201MT	200±20%	100K/1V	2.5	1.5	470	435



ACDMR1050MW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR1050MW	10.5±1.0	10.3±0.3	5.0 Max	2.0±0.5	3.0±0.3	13.0 Ref	6.0 Ref	4.0 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR1050MW-R15MT	0.15±20%	100K/1V	80	46	0.55	0.5
ACDMR1050MW-R47MT	0.47±20%	100K/1V	50	28	1.38	1.15
ACDMR1050MW-R56MT	0.56±20%	100K/1V	43	26.5	1.5	1.3
ACDMR1050MW-R68MT	0.68±20%	100K/1V	37	27	1.8	1.68
ACDMR1050MW-R82MT	0.82±20%	100K/1V	36	25	2.5	2
ACDMR1050MW-1R0MT	1.0±20%	100K/1V	30	23	3	2.2
ACDMR1050MW-1R5MT	1.5±20%	100K/1V	26	19	4.2	2.6
ACDMR1050MW-2R2MT	2.2±20%	100K/1V	24	15	5	4.8
ACDMR1050MW-3R3MT	3.3±20%	100K/1V	22	14	10	7.8
ACDMR1050MW-4R7MT	4.7±20%	100K/1V	19	13	12	9.4
ACDMR1050MW-5R6MT	5.6±20%	100K/1V	16	10	17	14
ACDMR1050MW-6R8MT	6.8±20%	100K/1V	15	9.5	20	16.5
ACDMR1050MW-8R2MT	8.2±20%	100K/1V	14	9	28	23
ACDMR1050MW-100MT	10±20%	100K/1V	13	8	30	23.4
ACDMR1050MW-150MT	15±20%	100K/1V	10	6.5	45	34.2
ACDMR1050MW-220MT	22±20%	100K/1V	9	6	70	58
ACDMR1050MW-330MT	33±20%	100K/1V	7	4.8	92	82
ACDMR1050MW-470MT	47±20%	100K/1V	5	3.7	145	138
ACDMR1050MW-680MT	68±20%	100K/1V	4.5	3.2	228	216



ACDMR1050TW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR1050TW	10.5±1.0	10.3±0.3	5.0 Max	2.0±0.5	3.0±0.3	13.0 Ref	6.0 Ref	4.0 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR1050TW-R36MT	0.36±20%	100K/1V	80	33	1	0.78
ACDMR1050TW-R47MT	0.47±20%	100K/1V	70	32	1.4	1.1
ACDMR1050TW-R56MT	0.56±20%	100K/1V	55	30	1.6	1.3
ACDMR1050TW-R68MT	0.68±20%	100K/1V	50	28	1.7	1.3
ACDMR1050TW-1R0MT	1.0±20%	100K/1V	45	24	2.5	2.1
ACDMR1050TW-1R5MT	1.5±20%	100K/1V	42	20	3.6	2.96
ACDMR1050TW-2R2MT	2.2±20%	100K/1V	40	18	7.1	6
ACDMR1050TW-3R3MT	3.3±20%	100K/1V	30	14	10	7.8
ACDMR1050TW-4R7MT	4.7±20%	100K/1V	23	13	12	9.8
ACDMR1050TW-5R6MT	5.6±20%	100K/1V	20	11	14	11.5
ACDMR1050TW-6R8MT	6.8±20%	100K/1V	19	10	18	14.8
ACDMR1050TW-8R2MT	8.2±20%	100K/1V	18	9	27	23
ACDMR1050TW-100MT	10±20%	100K/1V	16	8	28	26
ACDMR1050TW-150MT	15±20%	100K/1V	11	6	53	45
ACDMR1050TW-220MT	22±20%	100K/1V	10	5	53	45



ACDMR1050GHC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR1050GHC	10.2±0.2	10.0±0.2	5.0 Max	3.6±0.2	10.50	3.20	10.30

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR1050GHC-1R0MT	1.0±20%	1M/1V	32.0	34.0	26.0	28.0	2.2	1.5
ACDMR1050GHC-1R5MT	1.5±20%	1M/1V	30.0	32.0	25.5	28.0	3	2.1
ACDMR1050GHC-2R2MT	2.2±20%	1M/1V	29.0	32.0	25.0	28.0	4.2	3.5
ACDMR1050GHC-3R3MT	3.3±20%	1M/1V	22.0	24.0	17.0	18.0	6.5	5
ACDMR1050GHC-4R7MT	4.7±20%	1M/1V	19.0	21.0	15.0	16.0	8	6
ACDMR1050HC-100MT	10±20%	1M/1V	10.0	11.0	11.0	12.0	20	17
ACDMR1050GHC-220MT	22±20%	1M/1V	8.0	9.5	7.5	9.0	38	32



ACDMR1060TW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR1060TW	10.5±1.0	10.3±0.3	6.0 Max	2.0±0.5	3.0±0.3	13.0 Ref	6.0 Ref	4.0 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR1060TW-3R3MT	3.3±20%	100K/1V	25	16	6.3	5.3
ACDMR1060TW-6R8MT	6.8±20%	100K/1V	20	12	15	12.3
ACDMR1060TW-100MT	10±20%	100K/1V	18	10	20	17.3



ACDMR1060GHC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR1060GHC	10.2±0.2	10.0±0.2	6.0 Max	3.6±0.2	10.50	3.20	10.30

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR1060GHC-100MT	10±20%	1M/1V	16.0	20.0	12.0	14.0	15	14



ACDMR1230GHC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR1230GHC	12.2±0.2	12.0±0.2	3.0 Max	4.6±0.2	12.50	3.60	12.30

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR1230GHC-1R0MT	1.0±20%	1M/1V	32.0	35.0	24.0	28.0	3	2.4
ACDMR1230GHC-1R5MT	1.5±20%	1M/1V	28.0	32.0	21.0	24.0	4.2	3.8
ACDMR1230GHC-2R2MT	2.2±20%	1M/1V	25.0	28.0	18.0	20.0	5.5	5



ACDMR1260GHC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR1260(G)HC	12.2±0.2	12.0±0.2	6.0 Max	4.6±0.2	12.50	3.60	12.30

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR1260GHC-100MT	10±20%	1M/1V	13.0	15.0	12.0	15.0	12	10
ACDMR1260GHC-220MT	22±20%	1M/1V	10.0	12.0	12.0	14.0	25	22



ACDMR1265GHC SERIES

MECHANICAL DIMENSION :

Fig 1

Series	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
ACDMR1265GHC	12.2±0.2	12.0±0.2	6.5 Max	4.6±0.2	12.50	3.60	12.30

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1		Irms(A) ※2		DCR (mΩ)	
			Max	Typ	Max	Typ	Max	Typ
ACDMR1265GHC-3R3MT	3.3±20%	1M/1V	30.0	33.0	18.0	20.0	4.5	3.7



ACDMR1335W SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR1335W	13.2±1.0	12.6±0.3	3.5 Max	2.5±0.5	3.8±0.3	15.0 Ref	8.0 Ref	5.0 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR1335W-R22MT	0.22±20%	100K/1V	40	25	0.8	0.6
ACDMR1335W-R47MT	0.47±20%	100K/1V	35	20	1.3	1
ACDMR1335W-R68MT	0.68±20%	100K/1V	28	15	3	2.3
ACDMR1335W-1R0MT	1.0±20%	100K/1V	24	12	3.5	2.7
ACDMR1335W-1R5MT	1.5±20%	100K/1V	17	10	6	4.8
ACDMR1335W-2R2MT	2.2±20%	100K/1V	15	9	8	6.3
ACDMR1335W-3R3MT	3.3±20%	100K/1V	12	8	13.5	11
ACDMR1335W-4R7MT	4.7±20%	100K/1V	11	7	15	12
ACDMR1335W-6R8MT	6.8±20%	100K/1V	9	5	30	24
ACDMR1335W-8R2MT	8.2±20%	100K/1V	8	4	38	32
ACDMR1335W-100MT	10±20%	100K/1V	7	3	45	38



ACDMR1335TW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR1335TW	13.2±1.0	12.6±0.3	3.5 Max	2.5±0.5	3.8±0.3	15.0 Ref	8.0 Ref	5.0 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR1335TW-R10MT	0.1±20%	100K/1V	90	48	0.96	0.78
ACDMR1335TW-R15MT	0.15±20%	100K/1V	80	46	0.85	0.65
ACDMR1335TW-R22MT	0.22±20%	100K/1V	75	44	0.9	0.7
ACDMR1335TW-R33MT	0.33±20%	100K/1V	70	35	1.4	1.1
ACDMR1335TW-R47MT	0.47±20%	100K/1V	52.5	33	1.5	1.2
ACDMR1335TW-R68MT	0.68±20%	100K/1V	52	28	2.5	2.1
ACDMR1335TW-R82MT	0.82±20%	100K/1V	48	23	3.5	2.5
ACDMR1335TW-1R0MT	1.0±20%	100K/1V	43	20	3.5	2.6
ACDMR1335TW-1R5MT	1.5±20%	100K/1V	40	19	5.5	4.7
ACDMR1335TW-2R2MT	2.2±20%	100K/1V	32	16	9	7.6
ACDMR1335TW-3R3MT	3.3±20%	100K/1V	28	13	13.5	11
ACDMR1335TW-4R7MT	4.7±20%	100K/1V	22	11	15	13
ACDMR1335TW-5R6MT	5.6±20%	100K/1V	20	10	23	19.2
ACDMR1335TW-6R8MT	6.8±20%	100K/1V	16	9	25	20
ACDMR1335TW-8R2MT	8.2±20%	100K/1V	15	8.5	32	26
ACDMR1335TW-100MT	10±20%	100K/1V	14	7	34	29.5



ACDMR1340W SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR1340W	13.2±1.0	12.6±0.3	4.0 Max	2.5±0.5	3.8±0.3	15.0 Ref	8.0 Ref	5.0 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR1340W-R22MT	0.22±20%	100K/1V	50	32	0.9	0.7
ACDMR1340W-R33MT	0.33±20%	100K/1V	45	26	1.5	1.2
ACDMR1340W-R47MT	0.47±20%	100K/1V	40	23	1.6	1.3
ACDMR1340W-R68MT	0.68±20%	100K/1V	35	21	2.1	1.7
ACDMR1340W-1R0MT	1.0±20%	100K/1V	30	18	4	2.9
ACDMR1340W-1R5MT	1.5±20%	100K/1V	22	13	5.5	4.4
ACDMR1340W-2R2MT	2.2±20%	100K/1V	18	11	5.5	4.4
ACDMR1340W-3R3MT	3.3±20%	100K/1V	14	9	8.5	6.7
ACDMR1340W-4R7MT	4.7±20%	100K/1V	12	8	17.5	14.6
ACDMR1340W-6R8MT	6.8±20%	100K/1V	10	6	25	21
ACDMR1340W-8R2MT	8.2±20%	100K/1V	9	5	26	22
ACDMR1340W-100MT	10±20%	100K/1V	8	4	32	27



ACDMR1350W SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR1350W	13.2±1.0	12.6±0.3	5.0 Max	2.5±0.5	3.8±0.3	15.0 Ref	8.0 Ref	5.0 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR1350W-R33MT	0.33±20%	100K/1V	60	40	1	0.77
ACDMR1350W-R36MT	0.36±20%	100K/1V	48	35	1.2	0.9
ACDMR1350W-R47MT	0.47±20%	100K/1V	45	25	1.2	0.9
ACDMR1350W-R56MT	0.56±20%	100K/1V	42	24	1.3	1
ACDMR1350W-R68MT	0.68±20%	100K/1V	38	23	1.3	1
ACDMR1350W-R82MT	0.82±20%	100K/1V	36	22	2.1	1.7
ACDMR1350W-1R0MT	1.0±20%	100K/1V	32	20	2.6	2.1
ACDMR1350W-1R2MT	1.2±20%	100K/1V	30	18	2.6	2.1
ACDMR1350W-1R5MT	1.5±20%	100K/1V	28	15	3.1	2.6
ACDMR1350W-2R2MT	2.2±20%	100K/1V	25	14	6	4.8
ACDMR1350W-3R3MT	3.3±20%	100K/1V	22	13	7.8	6.5
ACDMR1350W-4R7MT	4.7±20%	100K/1V	18	12	10	8.3
ACDMR1350W-5R6MT	5.6±20%	100K/1V	15	9	10.5	8.5
ACDMR1350W-6R8MT	6.8±20%	100K/1V	14	8	15	12
ACDMR1350W-8R2MT	8.2±20%	100K/1V	13	7.5	22	18
ACDMR1350W-100MT	10±20%	100K/1V	12	7	24	19.8
ACDMR1350W-150MT	15±20%	100K/1V	10	5	30	25.1
ACDMR1350W-220MT	22±20%	100K/1V	7	4.5	40	34
ACDMR1350W-330MT	33±20%	100K/1V	6	3.5	70	59
ACDMR1350W-470MT	47±20%	100K/1V	5	3	95	82
ACDMR1350W-680MT	68±20%	100K/1V	4	2.5	106	93



ACDMR1350MW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR1350MW	13.2±1.0	12.6±0.3	5.0 Max	2.5±0.5	3.8±0.3	15.0 Ref	8.0 Ref	5.0 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR1350MW-R33MT	0.33±20%	100K/1V	55	35	1.1	0.85
ACDMR1350MW-R36MT	0.36±20%	100K/1V	53	34	1.1	0.85
ACDMR1350MW-R47MT	0.47±20%	100K/1V	50	32	1.2	0.9
ACDMR1350MW-R56MT	0.56±20%	100K/1V	45	30	1.6	1.2
ACDMR1350MW-R68MT	0.68±20%	100K/1V	40	28	2.2	1.7
ACDMR1350MW-1R0MT	1.0±20%	100K/1V	30	25	2.5	2
ACDMR1350MW-1R2MT	1.2±20%	100K/1V	29	23	2.6	2.1
ACDMR1350MW-1R5MT	1.5±20%	100K/1V	28	21	3.2	2.6
ACDMR1350MW-2R2MT	2.2±20%	100K/1V	24	19	4.8	3.7
ACDMR1350MW-3R3MT	3.3±20%	100K/1V	22	15	9	7.4
ACDMR1350MW-4R7MT	4.7±20%	100K/1V	17	13	10	8
ACDMR1350MW-6R8MT	6.8±20%	100K/1V	11	9	16	13.6
ACDMR1350MW-100MT	10±20%	100K/1V	9	7.5	27	22.5
ACDMR1350MW-220MT	22±20%	100K/1V	8	6	53	45



ACDMR1350TW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR1350TW	13.2±1.0	12.6±0.3	5.0 Max	2.5±0.5	3.8±0.3	15.0 Ref	8.0 Ref	5.0 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR1350TW-R10MT	0.1±20%	100K/1V	90	50	0.4	0.26
ACDMR1350TW-R33MT	0.33±20%	100K/1V	85	42	1.1	0.75
ACDMR1350TW-R36MT	0.36±20%	100K/1V	80	41	1.1	0.82
ACDMR1350TW-R47MT	0.47±20%	100K/1V	75	40	1.2	0.9
ACDMR1350TW-R68MT	0.68±20%	100K/1V	65	35	1.3	1
ACDMR1350TW-R82MT	0.82±20%	100K/1V	60	32	2.2	1.7
ACDMR1350TW-1R0MT	1.0±20%	100K/1V	55	29	2.5	2.1
ACDMR1350TW-1R5MT	1.5±20%	100K/1V	50	25	3.5	2.7
ACDMR1350TW-2R2MT	2.2±20%	100K/1V	40	20	5.5	4.3
ACDMR1350TW-3R3MT	3.3±20%	100K/1V	35	16	9	7.2
ACDMR1350TW-4R7MT	4.7±20%	100K/1V	33	13	13	10.4
ACDMR1350TW-6R8MT	6.8±20%	100K/1V	25	12	18	15
ACDMR1350TW-100MT	10±20%	100K/1V	18	10	30	25.5
ACDMR1350TW-220MT	22±20%	100K/1V	11	7	53	45



ACDMR1360W SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR1360W	13.2±1.0	12.6±0.3	6.0 Max	2.5±0.5	3.8±0.3	15.0 Ref	8.0 Ref	5.0 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR1360W-R47MT	0.47±20%	100K/1V	48	35	1.2	0.94
ACDMR1360W-R68MT	0.68±20%	100K/1V	42	30	1.4	1.1
ACDMR1360W-R82MT	0.82±20%	100K/1V	40	25	1.4	1.1
ACDMR1360W-1R0MT	1.0±20%	100K/1V	34	23	2.6	2.1
ACDMR1360W-1R5MT	1.5±20%	100K/1V	30	20	2.6	2.1
ACDMR1360W-2R2MT	2.2±20%	100K/1V	25	17	4.5	3.7
ACDMR1360W-3R3MT	3.3±20%	100K/1V	25	15	6	5
ACDMR1360W-4R7MT	4.7±20%	100K/1V	20	14	9	7.5
ACDMR1360W-5R6MT	5.6±20%	100K/1V	18	12	10.5	8.3
ACDMR1360W-6R8MT	6.8±20%	100K/1V	16	10	10.5	8.5
ACDMR1360W-8R2MT	8.2±20%	100K/1V	15	9	15	11
ACDMR1360W-100MT	10±20%	100K/1V	13	8	15.5	13
ACDMR1360W-150MT	15±20%	100K/1V	11	6.5	21.5	18
ACDMR1360W-220MT	22±20%	100K/1V	9	7	39	33
ACDMR1360W-270MT	27±20%	100K/1V	8	5.5	41	35
ACDMR1360W-330MT	33±20%	100K/1V	7	5	48	41
ACDMR1360W-470MT	47±20%	100K/1V	5.5	3.5	66	59
ACDMR1360W-680MT	68±20%	100K/1V	4.5	3	105	96
ACDMR1360W-101MT	100±20%	100K/1V	3.5	2	148	133



ACDMR1360MW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR1360MW	13.2±1.0	12.6±0.3	6.0 Max	2.5±0.5	3.8±0.3	15.0 Ref	8.0 Ref	5.0 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR1360MW-R15MT	0.15±20%	100K/1V	85	50	0.6	0.45
ACDMR1360MW-R22MT	0.22±20%	100K/1V	80	45	0.65	0.5
ACDMR1360MW-R33MT	0.33±20%	100K/1V	68	40	0.9	0.7
ACDMR1360MW-R47MT	0.47±20%	100K/1V	55	35	1	0.8
ACDMR1360MW-R68MT	0.68±20%	100K/1V	42	30	1.4	1.1
ACDMR1360MW-R82MT	0.82±20%	100K/1V	40	28	2.5	2.05
ACDMR1360MW-1R0MT	1.0±20%	100K/1V	33	26	2.6	2.1
ACDMR1360MW-2R2MT	2.2±20%	100K/1V	25	20	6	4.7
ACDMR1360MW-3R3MT	3.3±20%	100K/1V	24	16	7.5	6.3
ACDMR1360MW-4R7MT	4.7±20%	100K/1V	20	15	8.5	6.5
ACDMR1360MW-5R6MT	5.6±20%	100K/1V	18	13	10	8
ACDMR1360MW-6R8MT	6.8±20%	100K/1V	16	11	14.5	11.8
ACDMR1360MW-100MT	10±20%	100K/1V	15	10	18	14.8
ACDMR1360MW-150MT	15±20%	100K/1V	12	8.7	27.5	24
ACDMR1360MW-220MT	22±20%	100K/1V	10	8	42.5	37
ACDMR1360MW-330MT	33±20%	100K/1V	8	5.6	73	65.5
ACDMR1360MW-470MT	47±20%	100K/1V	7	5	90	83
ACDMR1360MW-680MT	68±20%	100K/1V	5.5	3.5	122	110



ACDMR1360TW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR1360TW	13.2±1.0	12.6±0.3	6.0 Max	2.5±0.5	3.8±0.3	15.0 Ref	8.0 Ref	5.0 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR1360TW-R33MT	0.33±20%	100K/1V	90	45	1	0.75
ACDMR1360TW-R47MT	0.47±20%	100K/1V	85	42	1.3	1
ACDMR1360TW-R68MT	0.68±20%	100K/1V	70	36	1.4	1.1
ACDMR1360TW-R82MT	0.82±20%	100K/1V	65	33	2.5	2
ACDMR1360TW-1R0MT	1.0±20%	100K/1V	60	32	2.6	2.1
ACDMR1360TW-1R5MT	1.5±20%	100K/1V	52	27	3.3	2.6
ACDMR1360TW-2R2MT	2.2±20%	100K/1V	46	23	6	4.7
ACDMR1360TW-2R7MT	2.7±20%	100K/1V	44	23	7.5	5.9
ACDMR1360TW-3R3MT	3.3±20%	100K/1V	43	18	8	6.2
ACDMR1360TW-4R7MT	4.7±20%	100K/1V	30	15	9.5	7.5
ACDMR1360TW-6R8MT	6.8±20%	100K/1V	26	13	15	12.8
ACDMR1360TW-8R2MT	8.2±20%	100K/1V	25	12.5	16.5	14.8
ACDMR1360TW-100MT	10±20%	100K/1V	20	11	18	15.8
ACDMR1360TW-150MT	15±20%	100K/1V	18	9	23	20



ACDMR1365YW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR1365YW	13.2±1.0	12.6±0.3	6.5 Max	2.5±0.5	3.8±0.3	15.0 Ref	8.0 Ref	5.0 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR1365YW-R47MT	0.47±20%	100K/1V	50	36	1	0.85
ACDMR1365YW-1R0MT	1.0±20%	100K/1V	36	25	1.8	1.4
ACDMR1365YW-1R2MT	1.2±20%	100K/1V	34	22	2.5	2
ACDMR1365YW-1R5MT	1.5±20%	100K/1V	30	20	2.6	2.1
ACDMR1365YW-2R2MT	2.2±20%	100K/1V	26	18	4.5	3.6
ACDMR1365YW-3R3MT	3.3±20%	100K/1V	24	16	6	5
ACDMR1365YW-4R7MT	4.7±20%	100K/1V	22	15	8.5	6.5
ACDMR1365YW-5R6MT	5.6±20%	100K/1V	20	13	10.5	8.5
ACDMR1365YW-6R8MT	6.8±20%	100K/1V	18	11	10.5	8.5
ACDMR1365YW-8R2MT	8.2±20%	100K/1V	17	10.5	12.5	10
ACDMR1365YW-100MT	10±20%	100K/1V	14	9	13.5	11.2
ACDMR1365YW-150MT	15±20%	100K/1V	12	7	23	20
ACDMR1365YW-220MT	22±20%	100K/1V	10	6.5	38	31.5
ACDMR1365YW-330MT	33±20%	100K/1V	9	6	52	44
ACDMR1365YW-470MT	47±20%	100K/1V	6	5	68	59
ACDMR1365YW-560MT	56±20%	100K/1V	6	4.5	93	82
ACDMR1365YW-680MT	68±20%	100K/1V	5	4	98	87
ACDMR1365YW-820MT	82±20%	100K/1V	4.5	3.5	108	96
ACDMR1365YW-101MT	100±20%	100K/1V	4	3	118	102

ACDMR1365YW-121MT	120±20%	100K/1V	4	2.8	180	156
ACDMR1365YW-151MT	150±20%	100K/1V	4	2.5	286	260
ACDMR1365YW-201MT	200±20%	100K/1V	3.2	2	365	330
ACDMR1365YW-221MT	220±20%	100K/1V	3	1.8	370	340
ACDMR1365YW-331MT	330±20%	100K/1V	2.5	1.5	485	455
ACDMR1365YW-401MT	400±20%	100K/1V	2	1.3	700	653



ACDMR1365MW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR1365MW	13.2±1.0	12.6±0.3	6.5 Max	2.5±0.5	3.8±0.3	15.0 Ref	8.0 Ref	5.0 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR1365MW-1R0MT	1.0±20%	100K/1V	35	25	1.8	1.5
ACDMR1365MW-1R2MT	1.2±20%	100K/1V	30	23	2.1	1.7
ACDMR1365MW-2R2MT	2.2±20%	100K/1V	26	21	5	3.8
ACDMR1365MW-3R3MT	3.3±20%	100K/1V	22	17	6.5	5.6
ACDMR1365MW-4R7MT	4.7±20%	100K/1V	21	16	9	7.3
ACDMR1365MW-5R6MT	5.6±20%	100K/1V	19	14	10.5	8.5
ACDMR1365MW-6R8MT	6.8±20%	100K/1V	18	12	14.5	11.7
ACDMR1365MW-100MT	10±20%	100K/1V	15	10	18	15.2
ACDMR1365MW-150MT	15±20%	100K/1V	14	9	23	20
ACDMR1365MW-220MT	22±20%	100K/1V	12	8	42	35
ACDMR1365MW-330MT	33±20%	100K/1V	9	6	65	59
ACDMR1365MW-470MT	47±20%	100K/1V	7	5	103	91



ACDMR1365TW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR1365TW	13.2±1.0	12.6±0.3	6.5 Max	2.5±0.5	3.8±0.3	15.0 Ref	8.0 Ref	5.0 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR1365TW-R15MT	0.15±20%	100K/1V	120	60	0.5	0.37
ACDMR1365TW-R22MT	0.22±20%	100K/1V	110	50	0.6	0.5
ACDMR1365TW-R33MT	0.33±20%	100K/1V	100	48	0.8	0.6
ACDMR1365TW-R47MT	0.47±20%	100K/1V	90	45	1.1	0.8
ACDMR1365TW-R56MT	0.56±20%	100K/1V	80	40	1.3	1
ACDMR1365TW-R68MT	0.68±20%	100K/1V	72	36	1.8	1.4
ACDMR1365TW-1R0MT	1.0±20%	100K/1V	60	32	2.2	1.7
ACDMR1365TW-1R5MT	1.5±20%	100K/1V	55	26	3.2	2.5
ACDMR1365TW-2R2MT	2.2±20%	100K/1V	53	22	5	4.3
ACDMR1365TW-3R3MT	3.3±20%	100K/1V	40	19	6.5	5.3
ACDMR1365TW-4R7MT	4.7±20%	100K/1V	38	16	9.5	7.6
ACDMR1365TW-5R6MT	5.6±20%	100K/1V	34	15	11.5	9.5
ACDMR1365TW-6R8MT	6.8±20%	100K/1V	30	13	14	11.4
ACDMR1365TW-100MT	10±20%	100K/1V	21	12	15	12.5
ACDMR1365TW-150MT	15±20%	100K/1V	19	10	23	20
ACDMR1365TW-220MT	22±20%	100K/1V	16	9	42	35.5
ACDMR1365TW-330MT	33±20%	100K/1V	13	8	55	47
ACDMR1365TW-470MT	47±20%	100K/1V	12	6	105	90
ACDMR1365TW-560MT	56±20%	100K/1V	10	5.5	120	100
ACDMR1365TW-680MT	68±20%	100K/1V	8	5	120	103



ACDMR1770YW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR1770YW	18.0±0.5	17.15Max	7.0 Max	2.5±0.5	11.94±0.3	20.0 Ref	12.4 Ref	13.0 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR1770YW-1R0MT	1.0±20%	100K/1V	60	35	1.6	1.3
ACDMR1770YW-1R5MT	1.5±20%	100K/1V	50	33	2.5	2
ACDMR1770YW-2R2MT	2.2±20%	100K/1V	40	28	3	2.5
ACDMR1770YW-3R3MT	3.3±20%	100K/1V	30	23	3.6	3
ACDMR1770YW-4R7MT	4.7±20%	100K/1V	26	20	4.7	3.9
ACDMR1770YW-5R6MT	5.6±20%	100K/1V	24	19	5.6	4.7
ACDMR1770YW-6R8MT	6.8±20%	100K/1V	23	18	6.9	5.7
ACDMR1770YW-8R2MT	8.2±20%	100K/1V	22	17	8.4	7.2
ACDMR1770YW-100MT	10±20%	100K/1V	18	16	9.5	8
ACDMR1770YW-150MT	15±20%	100K/1V	16	12	21	17
ACDMR1770YW-220MT	22±20%	100K/1V	13	10	25	20.5
ACDMR1770YW-330MT	33±20%	100K/1V	10	8	35	33
ACDMR1770YW-470MT	47±20%	100K/1V	9	7	45	38.5
ACDMR1770YW-680MT	68±20%	100K/1V	8.5	5	73	64
ACDMR1770YW-820MT	82±20%	100K/1V	8	4.5	104	93
ACDMR1770YW-101MT	100±20%	100K/1V	7	4	115	104
ACDMR1770YW-121MT	120±20%	100K/1V	5.5	3.5	130	115
ACDMR1770YW-151MT	150±20%	100K/1V	5	3	150	135
ACDMR1770YW-221MT	220±20%	100K/1V	4	2.5	270	245
ACDMR1770YW-351MT	350±20%	100K/1V	3.5	2	415	382



ACDMR1770TW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR1770TW	18.0±0.5	17.15Max	7.0 Max	2.5±0.5	11.94±0.3	20.0 Ref	12.4 Ref	13.0 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR1770TW-1R0MT	1.0±20%	100K/1V	80	45	1.7	1.4
ACDMR1770TW-1R5MT	1.5±20%	100K/1V	70	42	2.1	1.7
ACDMR1770TW-2R2MT	2.2±20%	100K/1V	62	35	2.7	2.4
ACDMR1770TW-3R3MT	3.3±20%	100K/1V	54	28	4.2	3.5
ACDMR1770TW-4R7MT	4.7±20%	100K/1V	43	25	5	3.9
ACDMR1770TW-5R6MT	5.6±20%	100K/1V	40	21	5.5	4.4
ACDMR1770TW-6R8MT	6.8±20%	100K/1V	35	19	8	6.5
ACDMR1770TW-8R2MT	8.2±20%	100K/1V	31	16	9.5	8.5
ACDMR1770TW-100MT	10±20%	100K/1V	28	15.8	11	8.7
ACDMR1770TW-150MT	15±20%	100K/1V	26	12.5	23	18
ACDMR1770TW-220MT	22±20%	100K/1V	20	12	26.5	23.5
ACDMR1770TW-330MT	33±20%	100K/1V	20	10	44	35
ACDMR1770TW-470MT	47±20%	100K/1V	11	9	48	40
ACDMR1770TW-560MT	56±20%	100K/1V	13	8	62	55
ACDMR1770TW-680MT	68±20%	100K/1V	12	7.5	80	67
ACDMR1770TW-101MT	100±20%	100K/1V	12	7	115	102
ACDMR1770TW-151MT	150±20%	100K/1V	7	4	155	135
ACDMR1770TW-221MT	220±20%	100K/1V	6.5	3.5	270	244
ACDMR1770TW-351MT	350±20%	100K/1V	6	3	405	375



ACDMR1710TW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR1710TW	18.0±0.5	17.15Max	9.5±0.5	2.5±0.5	11.94±0.3	20.0 Ref	12.4 Ref	13.0 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR1710TW-2R2MT	2.2±20%	100K/1V	50	30	2.3	1.8
ACDMR1710TW-3R3MT	3.3±20%	100K/1V	45	28	2.8	2.2
ACDMR1710TW-4R7MT	4.7±20%	100K/1V	40	25	3.5	2.8
ACDMR1710TW-8R2MT	8.2±20%	100K/1V	33	19	7.8	6.2
ACDMR1710TW-100MT	10±20%	100K/1V	32	18	8	6.4
ACDMR1710TW-150MT	15±20%	100K/1V	28	16	15	13.2
ACDMR1710TW-220MT	22±20%	100K/1V	25	14	17	14.2
ACDMR1710TW-330MT	33±20%	100K/1V	22	12	25	21.3



ACDMR2213MW SERIES

MECHANICAL DIMENSION :

Fig 3

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
ACDMR2213MW	22.5±0.5	22.0±0.3	13.0 Max	5.0±0.4	18.6±0.3	24.3 Ref	11.5 Ref	20.0 Ref

ELECTRICAL CHARACTERISTICS:

RoHS

Parts Number	Inductance (uH)	Test Freq. (Hz)	Isat(A) ※1	Irms(A) ※2	DCR (mΩ)	
			Typ	Typ	Max	Typ
ACDMR2213MW-R47MT	0.47±20%	100K/1V	100	80	0.67	0.56
ACDMR2213MW-1R0MT	1.0±20%	100K/1V	71	69	0.89	0.85
ACDMR2213MW-1R5MT	1.5±20%	100K/1V	50	50	1.2	0.9
ACDMR2213MW-2R2MT	2.2±20%	100K/1V	48	48	1.25	1.1
ACDMR2213MW-3R3MT	3.3±20%	100K/1V	41	41	1.8	1.4
ACDMR2213MW-4R7MT	4.7±20%	100K/1V	37	37	1.84	1.7
ACDMR2213MW-5R6MT	5.6±20%	100K/1V	36.5	36.5	2.5	2
ACDMR2213MW-6R8MT	6.8±20%	100K/1V	36	36	3.09	2.9
ACDMR2213MW-100MT	10±20%	100K/1V	28	28	4.14	3.8
ACDMR2213MW-150MT	15±20%	100K/1V	24	23.5	6.11	5.5
ACDMR2213MW-220MT	22±20%	100K/1V	16	17.5	10.8	9
ACDMR2213MW-330MT	33±20%	100K/1V	10.5	15.5	15.4	14.5
ACDMR2213MW-470MT	47±20%	100K/1V	10	13.5	17.7	16.3
ACDMR2213MW-560MT	56±20%	100K/1V	9.8	13	28	23
ACDMR2213MW-680MT	68±20%	100K/1V	9.5	12	38	31.5
ACDMR2213MW-750MT	75±20%	100K/1V	9.2	11	32.35	30
ACDMR2213MW-820MT	82±20%	100K/1V	9	10.2	34.2	31.5
ACDMR2213MW-101MT	100±20%	100K/1V	7	9.1	39.4	37.6