

SHIELDED TYPE

CDRH73

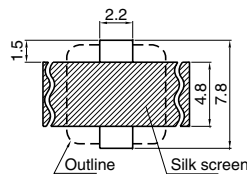
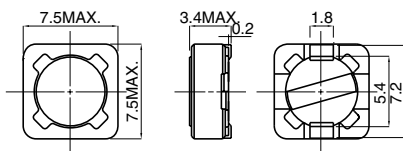
Outline

SMT type power inductors whereby the electrode is attached to the ferrite core directly. They are also magnetically shielded to prevent noise radiation.

Dimensions (mm)

LAND PATTERNS(mm)

CONSTRUCTION


(10 μ H – 1.0mH)

◆ TYPE CDRH73

Parts No.	Inductance	D.C.R. (Ω) (Max) Typical / Rated D. C. Current (A)	Parts No.	Inductance	D.C.R. (Ω) (Max) Typical / Rated D. C. Current (A)
2R0	2.0 μ H		270	27 μ H	0.21 (0.16) / 0.96
2R5	2.5 μ H		330	33 μ H	0.24 (0.18) / 0.91
3R0	3.0 μ H		390	39 μ H	0.32 (0.25) / 0.77
3R3	3.3 μ H		470	47 μ H	0.36 (0.28) / 0.76
3R9	3.9 μ H		560	56 μ H	0.47 (0.36) / 0.68
4R0	4.0 μ H		680	68 μ H	0.52 (0.40) / 0.61
4R7	4.7 μ H		820	82 μ H	0.69 (0.53) / 0.57
5R0	5.0 μ H		101	100 μ H	0.79 (0.61) / 0.50
6R0	6.0 μ H		121	120 μ H	0.89 (0.69) / 0.49
6R2	6.2 μ H		151	150 μ H	1.27 (1.02) / 0.43
6R8	6.8 μ H		181	181 μ H	1.45 (1.16) / 0.39
7R3	7.3 μ H		221	220 μ H	1.65 (1.32) / 0.35
7R4	7.4 μ H		271	270 μ H	2.31 (1.85) / 0.32
8R0	8.0 μ H		331	330 μ H	2.62 (2.10) / 0.28
8R6	8.6 μ H		391	390 μ H	2.94 (2.35) / 0.26
8R7	8.7 μ H		471	470 μ H	4.18 (3.35) / 0.24
100	10 μ H	72m (55m) / 1.68	561	560 μ H	4.67 (3.73) / 0.22
120	12 μ H	98m (75m) / 1.52	681	680 μ H	5.73 (4.58) / 0.19
150	15 μ H	0.13 (96m) / 1.33	821	820 μ H	6.54 (5.23) / 0.18
180	18 μ H	0.14 (0.11) / 1.20	102	1,000 μ H	9.44 (7.55) / 0.16
220	22 μ H	0.19 (0.15) / 1.07			

Measuring Freq. (L)

CDRH73 1kHz

Tolerance of Inductance

CDRH73 $\pm 20\%$ (M)

Rated D.C. Current

This indicates the value of current when the inductance is 75%(65%) more than it's nominal value and temperature rising $t=40^{\circ}\text{C}$ lower at D.C. superposition.

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