

SHIELDED TYPE

CDRH4D18

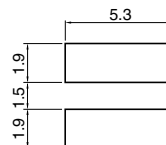
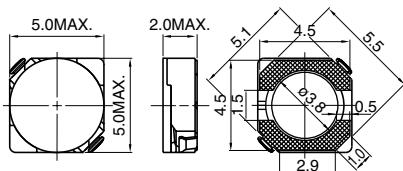
Outline

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


(1.0 μ H – 39 μ H)

◆ TYPE CDRH4D18

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)
1R0	1.0 μ H	45m (35m) / 1.72	7R4	7.4 μ H	
1R2	1.2 μ H		8R2	8.2 μ H	245m (190m) / 0.68
1R5	1.5 μ H		8R6	8.6 μ H	
1R8	1.8 μ H		8R7	8.7 μ H	
2R2	2.2 μ H	75m (58m) / 1.32	8R9	8.9 μ H	
2R6	2.6 μ H		100	10 μ H	0.200 (0.148) / 0.61
2R7	2.7 μ H	105m (80m) / 1.28	120	12 μ H	0.210 (0.156) / 0.56
3R0	3.0 μ H		150	15 μ H	0.240 (0.178) / 0.50
3R3	3.3 μ H	110m (85m) / 1.04	180	18 μ H	0.338 (0.250) / 0.48
3R9	3.9 μ H	155m (120m) / 0.88	220	22 μ H	0.397 (0.294) / 0.41
4R1	4.1 μ H		270	27 μ H	0.441 (0.327) / 0.35
4R2	4.2 μ H		330	33 μ H	0.694 (0.514) / 0.32
4R7	4.7 μ H	162m (125m) / 0.84	390	39 μ H	0.709 (0.525) / 0.30
5R0	5.0 μ H		470	47 μ H	
5R3	5.3 μ H		560	56 μ H	
5R4	5.4 μ H		680	68 μ H	
5R6	5.6 μ H	170m (130m) / 0.80	820	82 μ H	
6R0	6.0 μ H		101	100 μ H	
6R2	6.2 μ H		121	120 μ H	
6R8	6.8 μ H	200m (155m) / 0.76	151	150 μ H	
7R3	7.3 μ H		181	180 μ H	

Measuring Freq. (L)

CDRH4D18 100kHz

Tolerance of Inductance

CDRH4D18 $\pm 30\%$ (N)

Rated D.C. Current

This indicates the value of current when the inductance is 75%(65%) more than its nominal value and temperature rising $t=40^{\circ}\text{C}$ lower at D.C. superimposition.

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