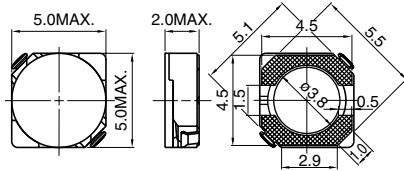
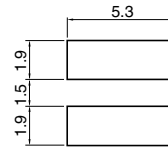


SHIELDED TYPE

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


(1.0μH – 39μH)

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

Measuring Freq. (L)

CDRH4D18 100kHz

Tolerance of Inductance

CDRH4D18 ± 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°C lower at D.C. superimposition.

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