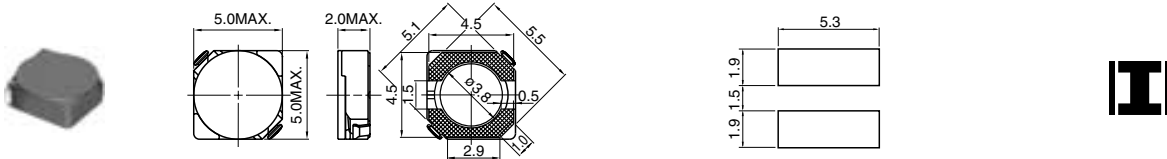


**SHIELDED TYPE**

# 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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