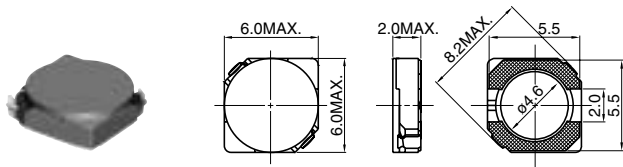
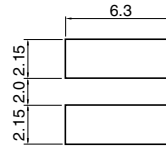


**SHIELDED TYPE**

# CDRH5D18

**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**


(4.1 $\mu$ H – 100 $\mu$ H)

**◆ TYPE CDRH5D18**

Parts No.	Inductance	D.C.R. ( $\Omega$ ) (Max) Typical / Rated D. C. Current (A)	Parts No.	Inductance	D.C.R. ( $\Omega$ ) (Max) Typical / Rated D. C. Current (A)
1R0	1.0 $\mu$ H		7R4	7.4 $\mu$ H	
1R2	1.2 $\mu$ H		8R2	8.2 $\mu$ H	
1R5	1.5 $\mu$ H		8R6	8.6 $\mu$ H	
1R8	1.8 $\mu$ H		8R7	8.7 $\mu$ H	
2R2	2.2 $\mu$ H		8R9	8.9 $\mu$ H	116m (86m) / 1.25
2R6	2.6 $\mu$ H		100	10 $\mu$ H	0.124 (92m) / 1.20
2R7	2.7 $\mu$ H		120	12 $\mu$ H	0.153 (0.113) / 1.10
3R0	3.0 $\mu$ H		150	15 $\mu$ H	0.196 (0.145) / 0.97
3R3	3.3 $\mu$ H		180	18 $\mu$ H	0.210 (0.155) / 0.85
3R9	3.9 $\mu$ H		220	22 $\mu$ H	0.290 (0.215) / 0.80
4R1	4.1 $\mu$ H	57m (42m) / 1.95	270	27 $\mu$ H	0.330 (0.245) / 0.75
4R2	4.2 $\mu$ H		330	33 $\mu$ H	0.386 (0.285) / 0.65
4R7	4.7 $\mu$ H		390	39 $\mu$ H	0.520 (0.385) / 0.57
5R0	5.0 $\mu$ H		470	47 $\mu$ H	0.595 (0.440) / 0.54
5R3	5.3 $\mu$ H		560	56 $\mu$ H	0.665 (0.433) / 0.50
5R4	5.4 $\mu$ H	76m (56m) / 1.60	680	68 $\mu$ H	0.840 (0.622) / 0.43
5R6	5.6 $\mu$ H		820	82 $\mu$ H	0.978 (0.725) / 0.41
6R0	6.0 $\mu$ H		101	100 $\mu$ H	1.200 (0.895) / 0.36
6R2	6.2 $\mu$ H	96m (71m) / 1.40	121	120 $\mu$ H	
6R8	6.8 $\mu$ H		151	150 $\mu$ H	
7R3	7.3 $\mu$ H		181	180 $\mu$ H	

Measuring Freq. (L)  
CDRH5D18 10kHz

Tolerance of Inductance  
CDRH5D18  $\pm$  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  $t=40^{\circ}$ C lower at D.C. superimposition.

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