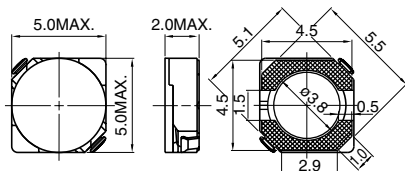
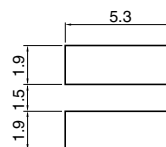


**SHIELDED TYPE**

# 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.

**Sales Contact**

**North America**  
1701 Golf Road, Tower 3  
Suite 400, Rolling  
Meadows, IL 60008, USA  
Tel: (1) 847 545-6700  
Fax: (1) 847 545-6720

**Japan**  
Nihonbashi- ingyocho  
2-Chome, Chuo-ku,  
Tokyo, Japan  
Tel: (81) 03 3667-3301  
Fax: (81) 03 3667-3456

**Hong Kong**  
14/F, Eastern Centre,  
1065 King's Road, Quarry  
Road, Hong Kong  
Tel: (852) 2880-6688  
Fax: (852) 2880-9596

**Taiwan**  
No. 171, Futech Street,  
Hsin-I, Taipei, Taiwan,  
ROC  
Tel: (886) 2 2726-2177  
Fax: (886) 2 2728-2726

**Singapore**  
996 Bendemeer  
Road #04-05 to 06  
Singapore 339944  
Tel: (65) 2963-388  
Fax: (65) 2963-390

**Europe**  
Chaussee de Tervuren113A,  
1160 Brussels  
Belgium  
Email:  
europe.sales@hk.sumida.com