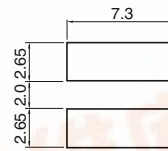
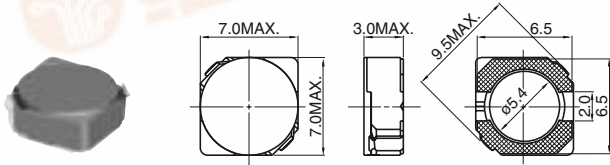


**SHIELDED TYPE**

# CDRH6D28

**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**


(3.0μH – 100μH)

**◆ TYPE CDRH6D28**

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)
2R0	2.0μH		270	27μH	0.142 (0.105) / 1.05
2R5	2.5μH		330	33μH	0.165 (0.122) / 0.97
3R0	3.0μH	24m (18m) / 3.00	390	39μH	0.210 (0.156) / 0.86
3R3	3.3μH		470	47μH	0.238 (0.176) / 0.80
3R9	3.9μH	27m (20m) / 2.60	560	56μH	0.277 (0.205) / 0.73
4R0	4.0μH		680	68μH	0.304 (0.225) / 0.65
4R7	4.7μH		820	82μH	0.390 (0.290) / 0.60
5R0	5.0μH	31m (23m) / 2.40	101	100μH	0.535 (0.397) / 0.54
6R0	6.0μH	35m (26m) / 2.25	121	120μH	
6R2	6.2μH		151	150μH	
6R8	6.8μH		181	181μH	
7R3	7.3μH	54m (40m) / 2.10	221	220μH	
7R4	7.4μH		271	270μH	
8R0	8.0μH		331	330μH	
8R6	8.6μH	58m (43m) / 1.85	391	390μH	
8R7	8.7μH		471	470μH	
100	10μH	65m (48m) / 1.70	561	560μH	
120	12μH	70m (52m) / 1.55	681	680μH	
150	15μH	84m (62m) / 1.40	821	820μH	
180	18μH	95m (70m) / 1.32	102	1,000μH	
220	22μH	0.128 (95m) / 1.20			

Measuring Freq. (L)  
CDRH6D28 10kHz

Tolerance of Inductance  
CDRH6D28 ± 30% (N)

Rated D.C. Current

This rated current indicates the current when the inductance decreases to 65% of its initial value or DC current when the temperature of coil is increased by 30°C.

**Sales Contact**

**North America**  
701 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) 2880-9506

**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

