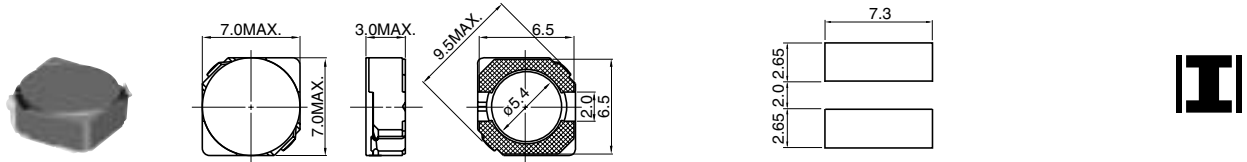


SHIELDED TYPE
CDRH6D28
Outline

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

www.DataSheet4U.com

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

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