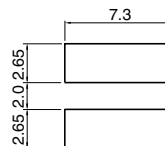
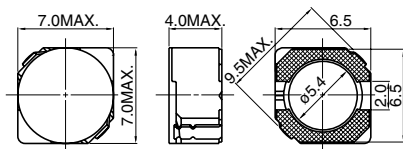


SHIELDED TYPE

CDRH6D38

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


(3.3 μ H – 100 μ H)

◆ TYPE CDRH6D38

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	2.0 μ H		270	27 μ H	0.109 (81m) / 1.20
2R5	2.5 μ H		330	33 μ H	0.124 (92m) / 1.10
3R0	3.0 μ H		390	39 μ H	0.138 (0.120) / 1.00
3R3	3.3 μ H	20m (15m) / 3.50	470	47 μ H	0.155 (0.115) / 0.95
3R9	3.9 μ H		560	56 μ H	0.202 (0.150) / 0.85
4R0	4.0 μ H		680	68 μ H	0.234 (0.173) / 0.75
4R7	4.7 μ H		820	82 μ H	0.324 (0.240) / 0.70
5R0	5.0 μ H	24m (18m) / 2.90	101	100 μ H	0.358 (0.285) / 0.65
6R0	6.0 μ H		121	120 μ H	
6R2	6.2 μ H	27m (20m) / 2.50	151	150 μ H	
6R8	6.8 μ H		181	181 μ H	
7R3	7.3 μ H		221	220 μ H	
7R4	7.4 μ H	31m (23m) / 2.30	271	270 μ H	
8R0	8.0 μ H		331	330 μ H	
8R6	8.6 μ H		391	390 μ H	
8R7	8.7 μ H	34m (25m) / 2.20	471	470 μ H	
100	10 μ H	38m (28m) / 2.00	561	560 μ H	
120	12 μ H	53m (39m) / 1.70	681	680 μ H	
150	15 μ H	57m (42m) / 1.60	821	820 μ H	
180	18 μ H	92m (68m) / 1.50	102	1,000 μ H	
220	22 μ H	96m (71m) / 1.30			

Measuring Freq. (L)
CDRH6D38 10kHz

Tolerance of Inductance
CDRH6D38 \pm 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.

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