



THE DATASHEET OF CDRH4D28C-100NC



SHIELDED TYPE / 開磁路タイプ
CDRH4D28C
OUTLINE / 概要

SMD type power inductors where the electrode is attached to the ferrite core directly. They are also magnetically shielded to prevent noise radiation.

特殊処理の電極をコアに直接取り付け付けた面実装パワーインダクタです。外部輻射を考慮した閉時タイプです。

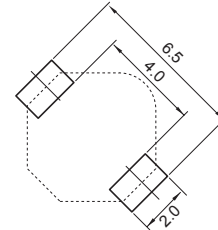
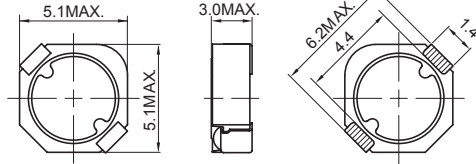
CDRH4D28C

 DIMENSIONS (mm)
外形寸法図

 LAND PATTERNS (mm)
推奨ランド寸法

 CONSTRUCTION
磁気構造図


(1.1μH - 100μH)



Parts No.	L (H)	CDRH4D28C	
		D.C.R.(Ω) : Max.(Typ.)	Temperature Rise Rated Current (A) * 3
1R0	1.0 μ		
1R1	1.1 μ	22m(17.5m)	3.8
1R2	1.2 μ		
1R5	1.5 μ		
1R8	1.8 μ		
2R0	2.0 μ	29m(23.0m)	2.6
2R2	2.2 μ		
2R3	2.3 μ		
2R7	2.7 μ		
3R2	3.2 μ	42m(33.3m)	2.3
3R3	3.3 μ		
3R9	3.9 μ		
4R7	4.7 μ	63m(50.0m)	1.8
5R6	5.6 μ		
6R3	6.3 μ	94m(75.0m)	1.3
6R8	6.8 μ		
8R2	8.2 μ		
100	10 μ	106m(85.0m)	1.26
120	12 μ		
150	15 μ	137m(110.0m)	1.05
180	18 μ		
220	22 μ	207m(166.0m)	850m
270	27 μ		
330	33 μ	331m(265.0m)	700m
390	39 μ		
470	47 μ	510m(408.0m)	540m
560	56 μ		
680	68 μ	625m(500.0m)	490m
820	82 μ		
101	100μ	948m(758.0m)	400m
121	120μ		
151	150μ		
181	180μ		

Measuring Freq. (L) / インダクタンス測定周波数 (L)

CDRH4D28C 100 kHz

Tolerance of Inductance / インダクタンス公差

CDRH4D28C 1.1 μH - 100 μH ± 25%

Rated Current / 定格電流とは

*3 It is either the inductance is 35% lower than its nominal value in D.C. saturation characteristics or temperature raise becomes ΔT=40°C(Ta=20°C), whichever is lower.

*3 直流量特性において、定格電流を流した時、インダクタンスが公称インダクタンスの65%以上となる電流値もしくは、コイルの発熱がΔT=40°C以下となる電流のどちらか少ない方の値とする。(Ta=20°C)

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e.g. Ordering code of lead product: Type name-ΔΔΔΔ×

Ordering code of lead-free product: Type name NPΔΔΔΔ×

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