

SINLOON®

閉磁式功率電感
Inductance Range: 2.2μH ~ 47μH

TYPE: RH6D18C Series
SMT Shielded Power Inductors

□ Features (特長)

- ◆ Magnetically shielded construction (閉磁路)
- ◆ Low Profile (扁平化設計)
- ◆ Large Current and Low DCR (大電流低直流阻抗)

□ Applications (用途)

- ◆ LCD Driver (LCD驅動器)
- ◆ Small DC/DC converter (小型直流轉換器)

□ Ordering

Product Identification of Part Number

Type: Ex. RH6D11C-2R2N

* See Product Part of Number

Tolerance: K ±10%; L ±15%; M ±20%; N ±30%

□ Figure

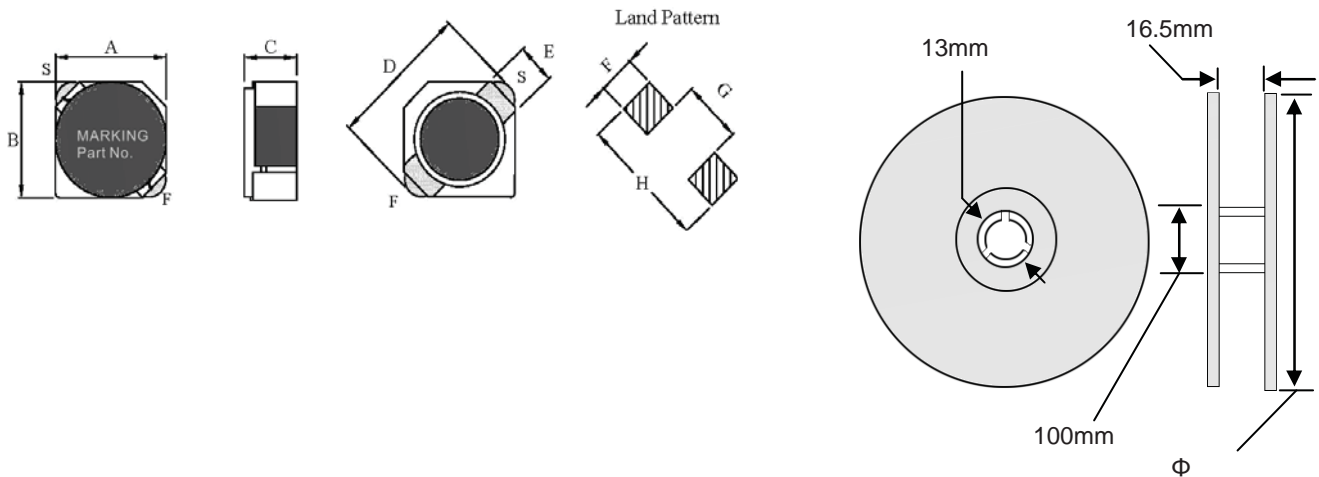


□ Configurations & Dimension

TYPE	A	B	C (max)	D (max)	E (ref.)	F	G	H	Unit:mm	
									Packing	Φ330
RH6D18C	6.7±0.3	6.7±0.3	2.0	9.5	3.0	3.7	4	8.8	2500pcs	

※Design as Customers Requested Specifications (可依特殊需求設計生產)

□ Reel Type Dimension



□ Electrical Characteristics for RH6D18C Series

產品規格型號 Ordering Part Number	電感值(L) Inductance (μH)	測試頻率 Test Freq. (KHz)	直流阻抗 DCR (Ω) (max)	定格電流 Isat (A) (max)	溫升電流 I _{rms} (A) (max)	字碼 Marking Code
RH6D18C-2R2N	2.20	100	0.051	3.20	3.30	2R2
RH6D18C-3R3N	3.30	100	0.067	2.50	3.00	3R3
RH6D18C-4R7N	4.70	100	0.084	2.20	2.70	4R7
RH6D18C-6R8N	6.80	100	0.126	1.60	1.90	6R8
RH6D18C-100M	10.0	100	0.150	1.80	1.80	10R
RH6D18C-150M	15.0	100	0.271	1.30	1.40	15R
RH6D18C-220M	22.0	100	0.460	1.00	1.00	22R
RH6D18C-330M	33.0	100	0.666	0.86	0.86	33R
RH6D18C-470M	47.0	100	0.918	0.70	0.80	47R

※ Test Frequency: 100KHz / 0.5V

※ Operating Temperature: -40°C ~ +85°C

※ Inductance drop : 35% typ at Isat.

※ ΔT : 40°C rise at I_{rms}.

※美隆公司產品規格及其特性參數的改變或更新恕不另行通知。

※Mayloon characteristic parameters of electronic product specification changes or updates without notice to improve

