

SINLOON®

閉磁式功率電感
Inductance Range: 3.3μH ~ 47μH

TYPE: D5409PE Series
SMT Shielded Power Inductors

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D5409PE Inductance Range 3.3μH ~ 47μH

□ Feature

- ◆ Magnetically shielded construction (閉磁路構造設計)
- ◆ Low Profile (薄型結構)
- ◆ Low cost (低價格)

□ Applications

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

□ Figure



□ Ordering

Product Identification of Part Number
Type: Ex. D5409PE-3R3N
* See Product Part of Number
Tolerance: K ±10%; L ±15%; M ±20%; N ±30%
Packing: 3500pcs/Φ330mm

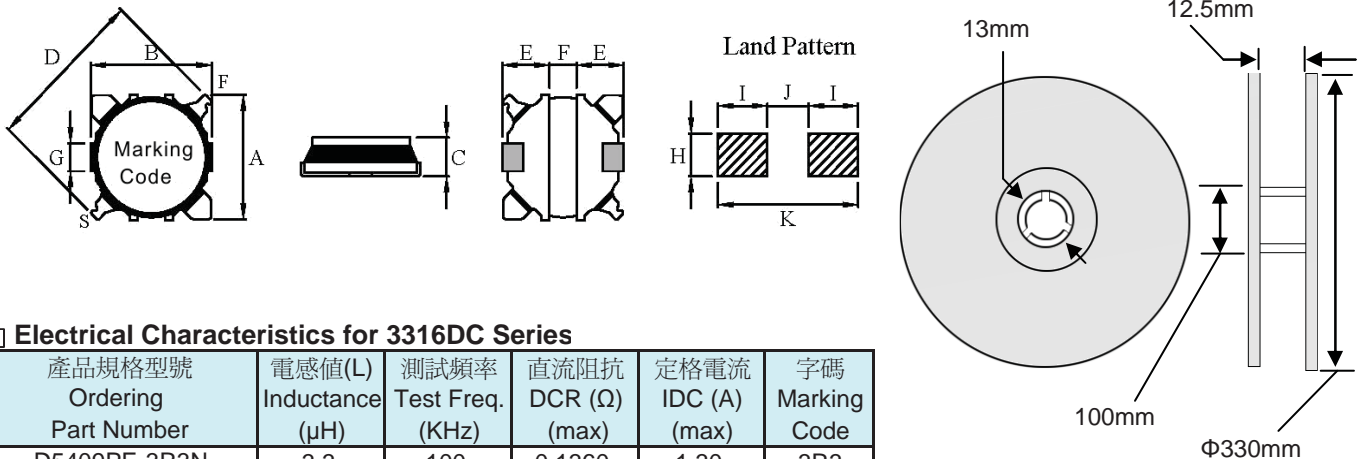
□ Configurations & Dimension

Unit:mm

TYPE	A	B	C (max)	D (max)	E	F	G	I	J	K
D5409PE	5.6±0.3	5.6±0.3	1.0	7.9	2.05	1.50	1.80	1.85	2.50	6.20

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

□ Reel Type Dimension



□ Electrical Characteristics for 3316DC 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 IDC (A) (max)	字碼 Marking Code
D5409PE-3R3N	3.3	100	0.1360	1.30	3R3
D5409PE-4R7N	4.7	100	0.2174	1.15	4R7
D5409PE-6R8N	6.8	100	0.3300	0.90	6R8
D5409PE-100M	10.0	100	0.3928	0.84	100
D5409PE-150M	15.0	100	0.5800	0.63	150
D5409PE-220M	22.0	100	0.9300	0.50	220
D5409PE-330M	33.0	100	1.4000	0.40	330
D5409PE-470M	47.0	100	2.1400	0.35	470

※ Test Frequency: 100KHz / 0.1V

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

※ Inductance drop : 10% typ at IDC

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※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

