

**SINLOON®**

閉磁式功率電感  
Inductance Range: 10μH ~ 330μH

TYPE: SLF6028 Series  
SMT Shielded Power Inductors

SMT Shielded Power Inductors  
SLF6028 Inductance Range 10μH ~ 330μH

□ Feature

- ◆ Magnetically shielded construction (閉磁路構造設計)
- ◆ Compact and Thin (輕便薄小)
- ◆ Large Current and Low DCR (大電流低值流阻抗)

□ Applications

- ◆ LCD Driver (LCD驅動器)
- ◆ Computers, DC/DC converter, VCR Camera ... (電腦, 直流轉換器, 攝影機等)

□ Figure



□ Ordering

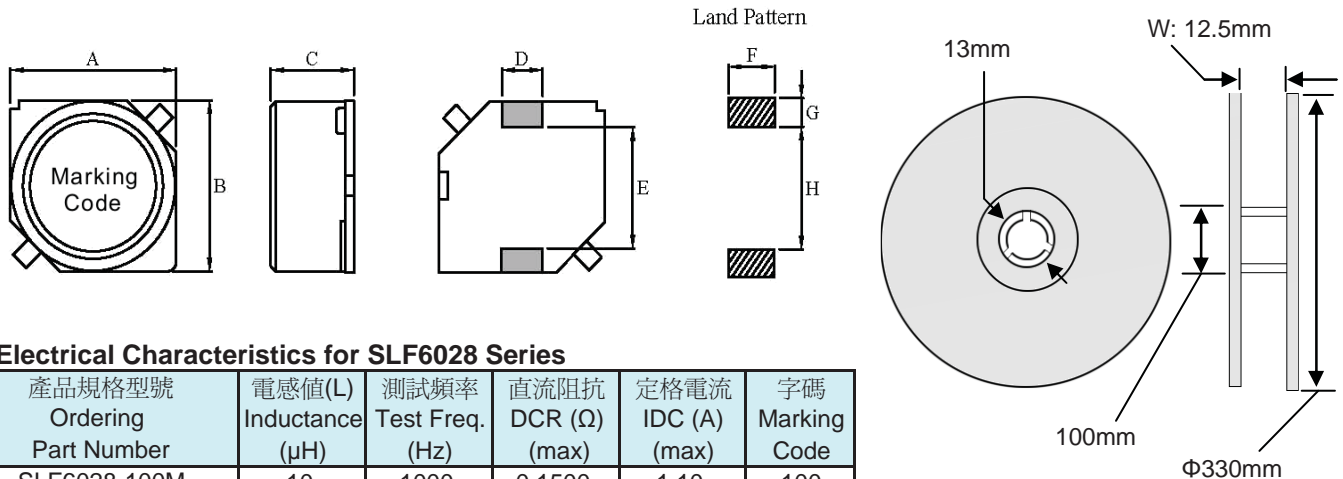
Product Identification of Part Number  
Type: Ex. SLF6028-100M  
\* See Product Part of Number  
Tolerance: K ±10%; L ±15%; M ±20%; N ±30%  
Packing: 1500pcs/Φ330mm

□ Configurations & Dimension

TYPE	A (max)	B (max)	C (max)	D	E (max)	F	G	H	W	Packing Φ330/Reel
SLF6028	6.2	6.2	3.0	1.8±0.2	3.0	2.2	2.0	2.5	12.5	1500pcs

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

□ Reel Type Dimension



□ Electrical Characteristics for SLF6028 Series

產品規格型號 Ordering Part Number	電感值(L) Inductance (μH)	測試頻率 Test Freq. (Hz)	直流阻抗 DCR (Ω) (max)	定格電流 IDC (A) (max)	字碼 Marking Code
SLF6028-100M	10	1000	0.1500	1.10	100
SLF6028-120M	12	1000	0.2000	1.00	120
SLF6028-150M	15	1000	0.2300	0.90	150
SLF6028-180M	18	1000	0.2700	0.80	180
SLF6028-220M	22	1000	0.3400	0.74	220
SLF6028-270M	27	1000	0.3800	0.66	270
SLF6028-330M	33	1000	0.4500	0.59	330
SLF6028-390M	39	1000	0.4900	0.54	390
SLF6028-470M	47	1000	0.6900	0.50	470
SLF6028-560M	56	1000	0.7800	0.46	560
SLF6028-680M	68	1000	1.0700	0.42	680
SLF6028-820M	82	1000	1.2100	0.38	820
SLF6028-101M	100	1000	1.3900	0.34	101
SLF6028-121M	120	1000	1.9000	0.31	121
SLF6028-151M	150	1000	2.1800	0.28	151
SLF6028-181M	180	1000	2.7700	0.26	181
SLF6028-221M	220	1000	3.1200	0.23	221
SLF6028-271M	270	1000	4.3800	0.22	271
SLF6028-331M	330	1000	4.9400	0.19	331

※ Test Frequency: 100KHz / 0.1V  
 ※ Operating Temperature: -40°C ~ +85°C  
 ※ Inductance drop : 10% typ at IDC

※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.

