

# SMT Shielded Power Inductors

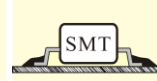
## GSSLF6028

### Features (特長)

- Magnetically shielded construction (閉磁路構造設計)
- Compact and thin (輕便薄小)
- Large Current and Low DCR (大電流低直流阻抗)

### Applications (用途)

- Computers, DC/DC converter, VCR Camera. (電腦、直流轉換器、攝影機)



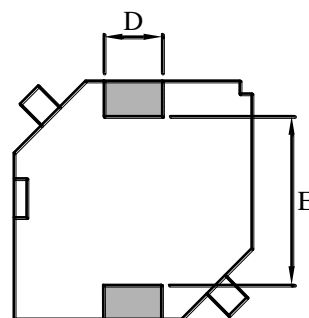
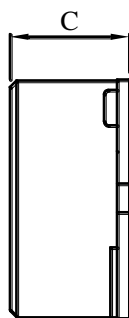
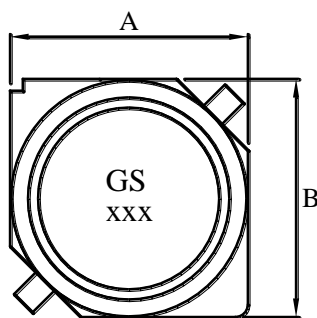
### Product Identification (產品識別)

GSSLF6028 - \_\_\_\_ \_\_\_\_ (Ex. GSSLF6028-100M)

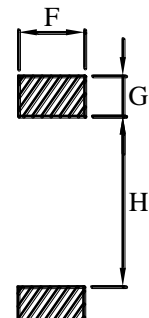
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1. SMT Shielded Power Inductors (閉磁式功率電感) (GSSLF6028)
2. Inductance (電感值)
3. Tolerance (誤差值) ( 參照表 K 10%, L 15%, M 20%, N 30% )

### Configurations & Dimensions (結構圖及規格尺寸)



### Land Pattern



Unit In mm

Type (型式)	A (max)	B (max)	C (max)	D ±0.2	E (max)	F	G	H
GSSLF6028	6.2	6.2	3.0	1.8	3.0	2.2	2.0	2.5

♣ Design as Customer's Requested Specifications. (可依客戶特殊需求設計)

# SMT Shielded Power Inductors

## GSSLF6028

Electrical Characteristics for GSSLF6028 Series [GSSLF6028 系列電子特性規格]

Part Number 產品料號	Inductance ( $\mu$ H) 電感值 (L)	Test Freq. (KHz) 測試頻率	DCR ( $\Omega$ ) (max) 直流阻抗	IDC (A) (max) 定格電流
GSSLF6028 – 100M	10.00	1	0.150	1.10
GSSLF6028 – 120M	12.00	1	0.200	1.00
GSSLF6028 – 150M	15.00	1	0.230	0.90
GSSLF6028 – 180M	18.00	1	0.270	0.80
GSSLF6028 – 220M	22.00	1	0.340	0.74
GSSLF6028 – 270M	27.00	1	0.380	0.66
GSSLF6028 – 330M	33.00	1	0.450	0.59
GSSLF6028 – 390M	39.00	1	0.490	0.54
GSSLF6028 – 470M	47.00	1	0.690	0.50
GSSLF6028 – 560M	56.00	1	0.780	0.46
GSSLF6028 – 680M	68.00	1	1.070	0.42
GSSLF6028 – 820M	82.00	1	1.210	0.38
GSSLF6028 – 101M	100.00	1	1.390	0.34
GSSLF6028 – 121M	120.00	1	1.900	0.31
GSSLF6028 – 151M	150.00	1	2.180	0.28
GSSLF6028 – 181M	180.00	1	2.770	0.26
GSSLF6028 – 221M	220.00	1	3.120	0.23
GSSLF6028 – 271M	270.00	1	4.380	0.22
GSSLF6028 – 331M	330.00	1	4.940	0.19

※Test Freq. : 1KHz / 0.25V.

※Operating Temp. :  $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$

※Inductance drop=10% typ. at IDC.

※Storage Temperature&Humidity :  $\leq 40^{\circ}\text{C}$  & 70% RH maximum