

SMT Common Mode Chokes

GSLC1306

Features (特長)

- Closed magnetic circuit for lowest EMI (閉合磁性電路防干擾對策)
- High quality toroidal core (高品質環型磁芯)
- SMT common mode choke (貼片式共模抗流線圈)

Applications (用途)

- Output Ripple Current Filter (訊號濾波應用)
- Suppression of common-mode interferences (抑制共模干擾)
- Low voltage applications (低電壓應用)
- DC/DC power converters (直流電源轉換器)



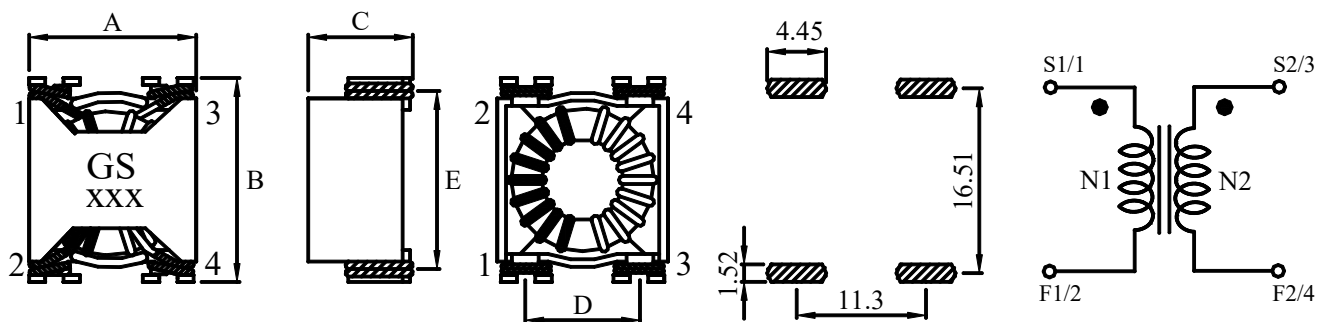
Product Identification (產品識別)

GS LC1306 - _____ (Ex. GSLC1306-771N)

1 2 3 4

1. Gang Song (剛松品牌) (GS)
2. Form (型式) (LC1306)
3. Inductance (電感值)
4. Tolerance (誤差值)

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 ±0.50	E ±0.50
GSLC1306	17.02	19.56	9.91	11.30	16.51

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

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Electrical Characteristics for GSLC1306 Series [GSLC1306 系列電子特性規格]

Part Number 產品料號	Turns Ratio (N1 : N2) 匝數比	Inductance (mH) 電感值 (L)	Tolerance 誤差值	DCR (Ω) (max) 直流阻抗	Rated Current (max)(A) 額定電流
GSLC1306-591N	1 : 1	0.59	+/-35%	0.021	5.60
GSLC1306-771N	1 : 1	0.77	+/-35%	0.040	4.70
GSLC1306-221N	1 : 1	0.22	+/-35%	0.060	3.30
GSLC1306-132N	1 : 1	1.32	+/-35%	0.060	3.30
GSLC1306-142N	1 : 1	1.47	+/-35%	0.080	2.80

※Test Freq. : 100KHz / 1V.

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

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