

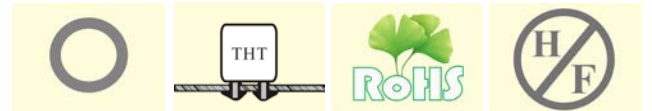
Common Mode EMI Line Filters GSTIB4

Features (特長)

- Closed magnetic circuit for lowest EMI
(閉合磁性電路防 EMI 干擾對策)
- Common mode for DC power lines
(共模 DC 直流電端端應用)

Applications (用途)

- Copying Machine, Display Monitor, ADSL Modem, Gaming Machine, Color TV, Video Camera, Air Conditioner, Refrigerator, Laundry Machine, Microwave Oven and Car Electronics, etc..
(影印機、顯示監視器、寬頻數據機、遊戲機、彩色電視、攝影機、冷氣機、電冰箱、洗衣機、微波爐、汽車電子產品等)
- Communication equipment (通訊設備)



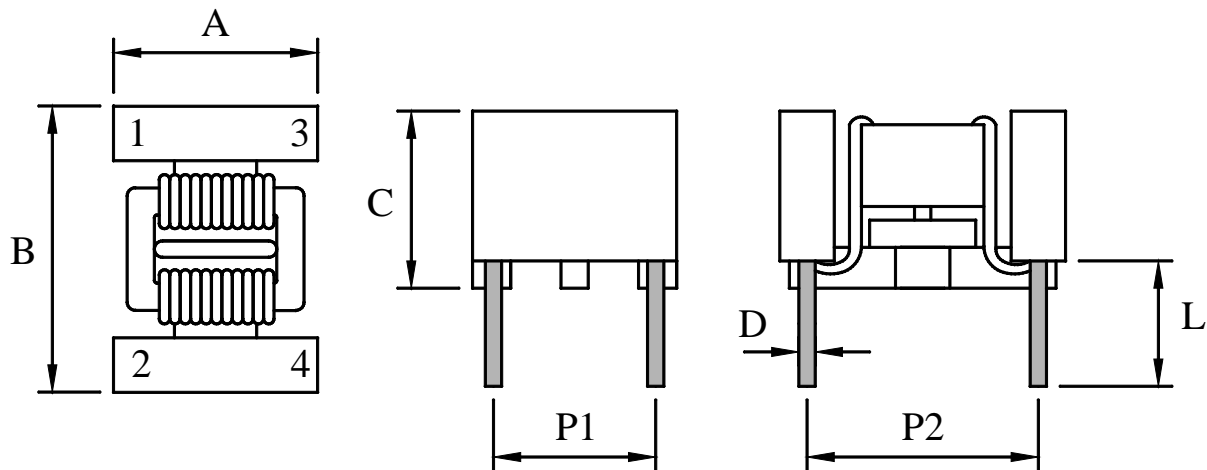
Product Identification (產品識別)

GSTIB4 - (Ex. GSTIB4-101N / GSTIB4-10Ts)

1 2 3

1. Form (型式) (GSTIB4)
2. Inductance or Turns (電感值 或 圈數)
4. Tolerance (誤差值) (參照表 N 30%, Y min)

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



Unit In mm

Type (型式)	A (max)	B (max)	C (max)	D ±0.1	L ±1.0	P1 ±0.5	P2 ±0.5
GSTIB4	7.5	10.5	8.0	0.6	4.6	5.0	7.5

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

Common Mode EMI Line Filters

GSTIB4

Electrical Characteristics for GSTIB4 Series [GSTIB4 系列電子特性規格]

Part Number 產品料號	Inductance(uH) @1KHz/1V 電感值(L)	Impedance(Ω) @25MHz 阻抗值(Z)	Impedance(Ω) @100MHz 阻抗值(Z)	DCR (Ω) (max) 直流阻抗	Rated Current(A) (max) 額定電流
GSTIB4 - 4R5Y	4.5 (min)	200 (min)	500 (min)	0.02	2.50
GSTIB4 - 5R0Y	5.0 (min)	300 (min)	700 (min)	0.03	2.00
GSTIB4 - 9R0Y	9.0 (min)	400 (min)	800 (min)	0.04	1.80
GSTIB4 - 120Y	12.0 (min)	700 (min)	1000 (min)	0.05	1.00
GSTIB4 - 150Y	15.0 (min)	900 (min)	1100 (min)	0.06	0.75
GSTIB4 - 180Y	18.0 (min)	1000 (min)	1200 (min)	0.07	0.75
GSTIB4 - 220Y	22.0 (min)	1200 (min)	1300 (min)	0.08	0.60
GSTIB4 - 250Y	25.0 (min)	1400 (min)	1500 (min)	0.09	0.60

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

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