

SMD Common Mode EMI Line Filters

GSPWC7060ST / GSPWC9070ST / GSPWC1211ST

Features (特長)

- Capable of handling the highest current (up to 5A) of any chip-type common mode filter (可有效處理任何電流達 5A 以上的基層式共模濾波器)
- Noise is greatly suppressed (有效抑制雜訊)

Applications (用途)

- Notebook, LCD TV and others (筆記型電腦, 液晶電視或其他產品)
- DC-DC converter of portable equipment (DC-DC 隨身式手提變流器設備)
- Communication equipment (通訊設備)



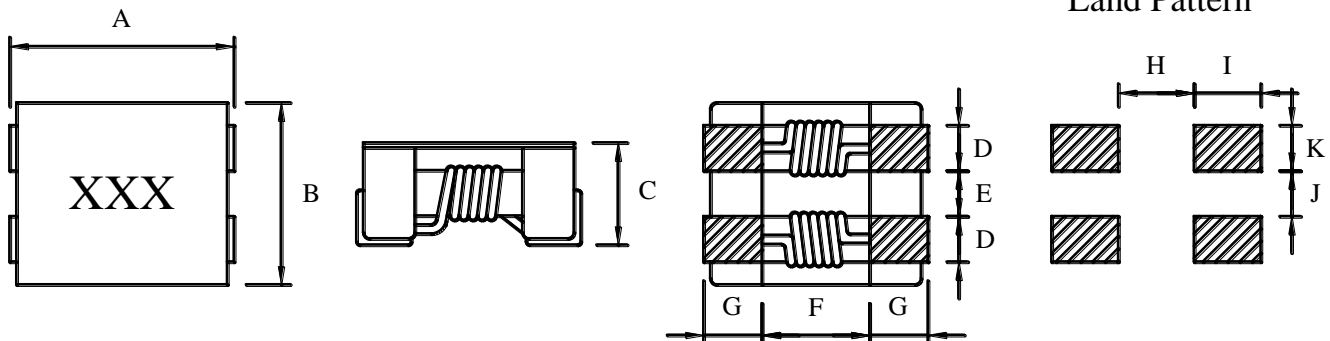
Product Identification (產品識別)

GSPWC 7060 ST - _____ (Ex. GSPWC7060ST-301 / GSPWC9070ST-301)

1 2 3

1. Form (型式) (GSPWC)
2. Core Dimension or Core Part Number (鐵芯尺寸 或 鐵芯編號)
3. Impedance (阻抗值)

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



Unit In mm

Type (型式)	A ±0.5	B ±0.5	C (max)	D (ref)	E (ref)	F (ref)	G (ref)	H (ref)	I (ref)	J (ref)	K (ref)
GSPWC7060ST	7.3	6.0	3.8	1.5	1.5	3.5	1.7	2.50	2.20	1.50	1.50
GSPWC9070ST	9.0	7.0	4.5	1.5	2.0	5.7	1.7	5.00	3.00	1.50	1.75
GSPWC1211ST	12.0	10.8	6.4	2.7	2.5	7.0	2.5	6.80	2.70	2.30	2.90

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

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GSPWC7060ST

Electrical Characteristics for GSPWC7060ST Series [GSPWC7060ST 系列電子特性規格]

Part Number 產品料號	Impedance(Ω) (typ) 阻抗值(Z)	Test Freq. (MHz) 測試頻率	DCR (m Ω) (max) 直流阻抗	Rated Current (A) 額定電流	Rated Voltage(V) 額定電壓	Insulation Resistance(M Ω) 絕緣阻抗
GSPWC7060ST - 301	300	100	10.0	5.0	50	10
GSPWC7060ST - 701	700	100	15.0	4.0	50	10
GSPWC7060ST - 102	1020	100	17.0	3.0	50	10
GSPWC7060ST - 132	1300	100	21.0	2.5	50	10

GSPWC9070ST

Electrical Characteristics for GSPWC9070ST Series [GSPWC9070ST 系列電子特性規格]

Part Number 產品料號	Impedance(Ω) (typ) 阻抗值(Z)	Test Freq. (MHz) 測試頻率	DCR (m Ω) (max) 直流阻抗	Rated Current (A) 額定電流	Rated Voltage(V) 額定電壓	Insulation Resistance(M Ω) 絕緣阻抗
GSPWC9070ST - 301	300	100	6.0	6.0	80	10
GSPWC9070ST - 501	600	100	8.0	6.0	80	10
GSPWC9070ST - 701	700	100	10.0	5.0	80	10
GSPWC9070ST - 102	1000	100	13.0	4.0	80	10
GSPWC9070ST - 701	700	100	10.0	5.0	80	10

GSPWC1211ST

Electrical Characteristics for GSPWC1211ST Series [GSPWC1211ST 系列電子特性規格]

Part Number 產品料號	Impedance(Ω) (typ) 阻抗值(Z)	Test Freq. (MHz) 測試頻率	DCR (m Ω) (max) 直流阻抗	Rated Current (A) 額定電流	Rated Voltage(V) 額定電壓	Insulation Resistance(M Ω) 絕緣阻抗
GSPWC1211ST - 701	700	100	6.0	8.0	125	10
GSPWC1211ST - 102	1000	100	14.0	6.0	125	10

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

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