

SMT Unshielded Power Inductors GS5022DHP

Features (特長)

- Open Magnetic circuit construction (開磁路構造設計)
- Compact and thin (輕便薄小)
- 8mm high for large current and low DCR. (高度低於 8mm、大電流及低直流阻抗)
- Self-leaded construction (直接線端之構造)

Applications (用途)

- Notebook, Low voltage DC-DC converter (筆記型電腦、低電壓直流轉換器)



Product Identification (產品識別)

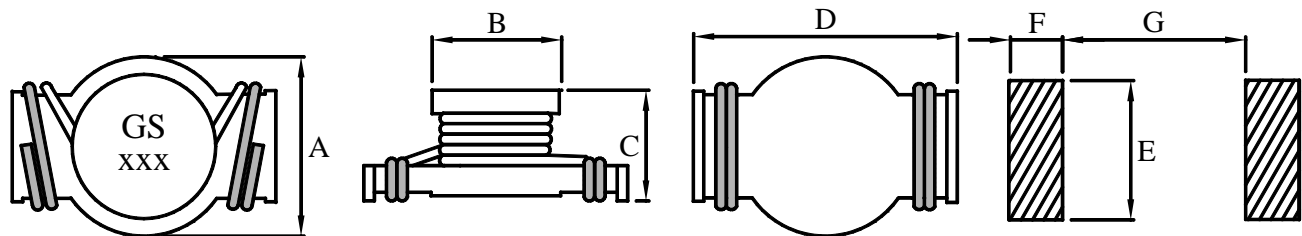
GS5022DHP - _____ (Ex. GS5022DHP-R78N)

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1. SMT Unshielded Power Inductors (開放式功率電感) (GS5022DHP)
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



Type (型式)	A (max)	B ±0.3	C (max)	D (max)	E	F	G
GS5022DHP	16.26	12.70	8.00	22.35	11.94	3.18	14.35

Unit In mm

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

SMT Unshielded Power Inductors

GS5022DHP

Electrical Characteristics for GS5022DHP Series [GS5022DHP 系列電子特性規格]

Part Number 產品料號	Inductance (μ H) 電感值 (L)	Test Freq. (KHz) 測試頻率	DCR (Ω) (max) 直流阻抗	IDC (A) (max) 定格電流
GS5022DHP -R78N	0.78	100	0.0026	30.00
GS5022DHP -1R5M	1.50	100	0.0040	25.00
GS5022DHP -2R2M	2.20	100	0.0061	20.00
GS5022DHP -3R3M	3.30	100	0.0086	17.00
GS5022DHP -3R9M	3.90	100	0.010	15.00
GS5022DHP -4R7M	4.70	100	0.014	13.00
GS5022DHP -6R0M	6.00	100	0.017	12.00
GS5022DHP -7R8M	7.80	100	0.018	11.00
GS5022DHP -100M	10.00	100	0.026	10.00
GS5022DHP -150M	15.00	100	0.032	8.00

※Test Freq. : 100KHz / 0.1V

※Operating Temp. : $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

※Inductance drop = 10% typ. at IDC.