

SMD Flat Top Air Core Inductors GSAM1812

Features (特長)

- High frequency (高頻)
- Highest possible SRF as well as excellent Q values (高共振頻率及高品質因數)
- The constitutive property is good and easy to operate (結構性佳、使用方便)

Applications (用途)

- Pager, Cordless phone & High Frequency Communication Products (呼叫器、行動電話及高頻通訊類產品)
- Intercom, CATV (對講機、CATV)



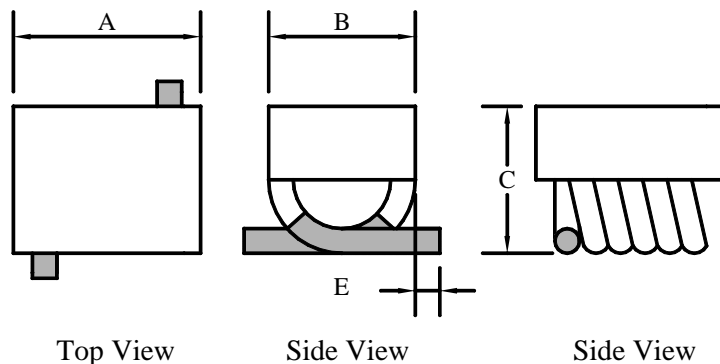
Product Identification (產品識別)

GSAM _____ - _____ (Ex. GSAM1812-22NK)
1 2 3 4

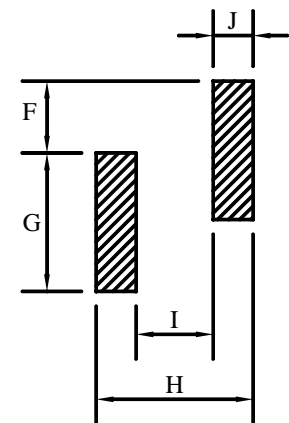
1. SMD Flat Top Air Core Inductors (平面灌膠式空芯線圈電感)
2. Size
GSAM1812
3. Inductance (電感值)
4. Tolerance (誤差值) (參照表 J 5%, K 10%)



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



Land Pattern



Unit In mm

Item (型式)	A	B	C	D	E	F	G	H	I	J
GSAM1812	4.70 ±0.3	3.50±0.2	3.50±0.2	4.30 ±0.4	1.00 ±0.3	2.7	5.2	5.8	2.9	1.5
GSAM1812-R12J	4.70	3.90±0.3	3.80±0.3	4.30	1.00	2.7	5.2	5.8	2.9	1.5

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Electrical Characteristics for GSAM1812 Series [GSAM1812 系列電子特性規格]

Part Number 產品料號	Inductance (L) (nH) 電感值	Q (min) 品質因數	Test Freq. (MHz) 測試頻率	SRF(GHz) (min) 共振頻率
GSAM1812 - 22NK	22	100	150	3.20
GSAM1812 - 27NK	27	100	150	2.70
GSAM1812 - 33NK	33	100	150	2.50
GSAM1812 - 39NJ	39	100	150	2.10
GSAM1812 - 47NJ	47	100	150	2.10
GSAM1812 - 56NJ	56	100	150	1.50
GSAM1812 - 68NJ	68	100	150	1.50
GSAM1812 - 82NJ	82	100	150	1.30
GSAM1812 - R10J	100	100	150	1.20

GSAM1812

Electrical Characteristics for GSAM1812-R12J [GSAM1812-R12J 系列電子特性規格]

Part Number 產品料號	Inductance (L) (nH) 電感值	Q (min) 品質因數	Test Freq. (MHz) 測試頻率	SRF(GHz) (min) 共振頻率
GSAM1812 - R12J	120	100	150	1.10