

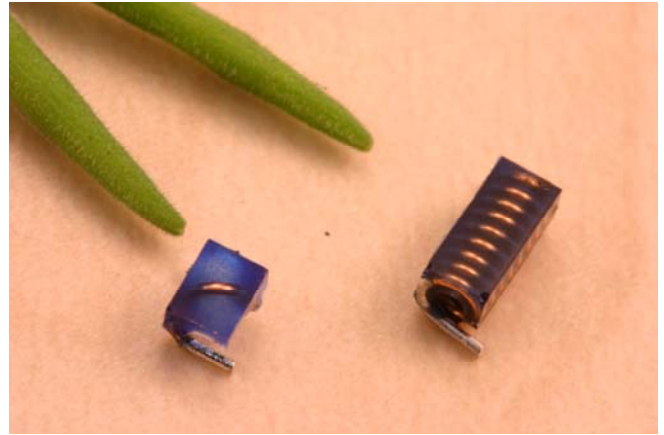
SMD Flat Top Air Core Inductors GSAM3730 / GSAM7030

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)



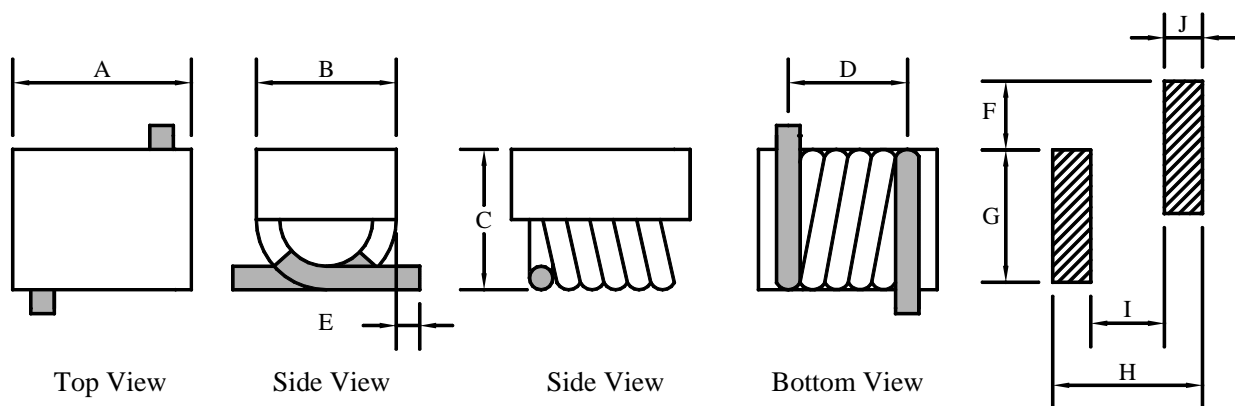
Product Identification (產品識別)

GSAM _____ - _____ (Ex. GSAM3730-A01T)

1 2 3

1. SMD Flat Top Air Core Inductors (平面灌膠式空芯線圈電感)
2. Size
GSAM3730, GSAM7030
3. Turns (圈數)

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



Unit In mm

Type (型式)	A	B	C	D	E	F	G	H	I	J
GSAM3730	±0.3	±0.2	±0.2	±0.3	±0.2	2.8	3.3	4.2	1.7	1.3
GSAM7030	6.00	2.50	2.60	5.80	0.70	2.8	3.3	7.4	4.9	1.3

SMD Flat Top Air Core Inductors

GSAM3730

Electrical Characteristics for GSAM3730 Series [GSAM3730 系列電子特性規格]

Part Number 產 品 料 號	Turns 圈數	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
GSAM3730 -A01T	1	2.5 ±10%	145	150	>3.0
GSAM3730 -A02T	2	5.0 ±10%	140	150	>3.0
GSAM3730 -A03T	3	8.0 ±10%	140	150	>3.0
GSAM3730 -A04T	4	12.5 ±5%	137	150	>3.0
GSAM3730 -A05T	5	18.5 ±5%	132	150	>2.5

GSAM7030

Electrical Characteristics for GSAM7030 Series [GSAM7030 系列電子特性規格]

Part Number 產 品 料 號	Turns 圈數	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
GSAM7030 -B06T	6	17.5 ±5%	100	150	>2.2
GSAM7030 -B07T	7	22.0 ±5%	100	150	>2.0
GSAM7030 -B08T	8	28.0 ±5%	100	150	>1.8
GSAM7030 -B09T	9	35.5 ±5%	100	150	>1.2
GSAM7030 -B10T	10	43.5 ±5%	100	150	>1.0