

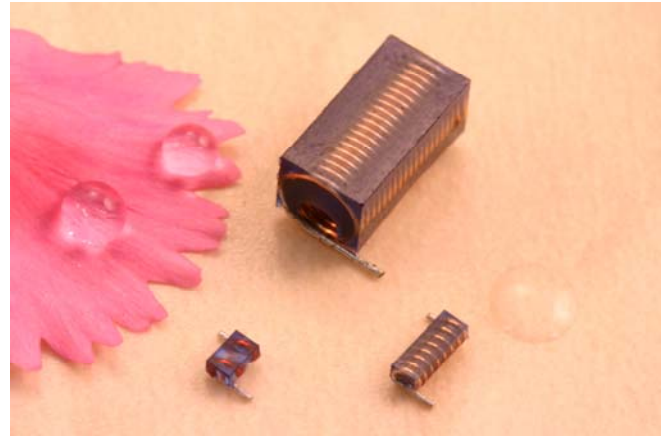
SMD Flat Top Air Core Inductors GSAM2215 / GSAM4015 / GSAM132

Features (特長)

- High frequency (高頻)
- Highest possible SRFs 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)



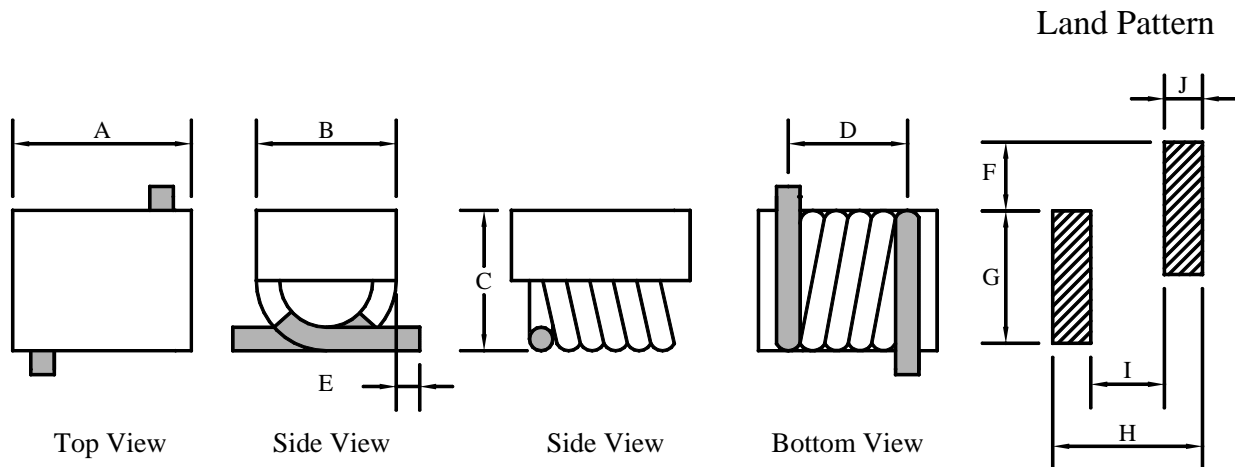
Product Identification (產品識別)

GSAM _____ - _____ (Ex. GSAM2215-02)

1 2 3

1. SMD Flat Top Air Core Inductors (平面灌膠式空芯線圈電感)
2. Size
GSAM2215, GSAM4015, GSAM132
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
GSAM2215	2.2±0.3	1.4±0.2	1.4±0.2	1.8±0.3	0.9±0.3	1.0	2.5	2.6	1.0	0.8
GSAM4015	4.0±0.3	1.5±0.2	1.5±0.2	3.5±0.3	0.9±0.3	1.0	2.5	4.5	2.9	0.8
GSAM132	9.0(max)	4.4±0.3	4.6±0.4	8.0±0.5	1.3±0.4	2.4	4.7	10.0	6.0	2.1

SMD Flat Top Air Core Inductors GSAM2215

Electrical Characteristics for GSAM2215 Series [GSAM2215 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
GSAM2215 -02	2	1.65 ±10%	100	800	>3.0
GSAM2215 -03	3	2.55 ±10%	100	800	>3.0
GSAM2215 -04	4	3.85 ±10%	100	800	>3.0
GSAM2215 -05	5	5.45 ±5%	100	800	>3.0

GSAM4015

Electrical Characteristics for GSAM4015 Series [GSAM4015 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
GSAM4015 -06	6	5.60 ±5%	100	800	>3.0
GSAM4015 -07	7	7.15 ±5%	100	800	>3.0
GSAM4015 -08	8	8.80 ±5%	100	800	>3.0
GSAM4015 -09	9	9.85 ±5%	100	800	>3.0
GSAM4015 -10	10	12.55 ±5%	100	800	>3.0

GSAM132

Electrical Characteristics for GSAM132 Series [GSAM132 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
GSAM132 -09	9	90 ±5%	100	50	>1.0
GSAM132 -10	10	111 ±5%	100	50	>1.0
GSAM132 -11	11	130 ±5%	100	50	>0.9
GSAM132 -12	12	169 ±5%	100	50	>0.8
GSAM132 -13	13	206 ±5%	100	50	>0.7
GSAM132 -14	14	222 ±5%	100	50	>0.6
GSAM132 -15	15	246 ±5%	100	50	>0.6
GSAM132 -16	16	307 ±5%	100	50	>0.5
GSAM132 -17	17	380 ±5%	100	50	>0.5
GSAM132 -18	18	422 ±5%	100	50	>0.4
GSAM132 -19	19	491 ±5%	100	50	>0.4
GSAM132 -20	20	538 ±5%	100	50	>0.4