GANG SONG

RFID Transponder Coils
GSAT1103 / GSAT1503

Features (特長)
- Low profile with an extended length (超薄及加長型)
- High Q value (高品質因數)

Applications (用途)
- Tire Pressure Monitoring System (汽車輪胎壓力監視系統)

Product Identification (產品識別)

GSAT1103 – _____ ____ (Ex. GSAT1103-251J)

1 2 3

1. RFID Transponder Coils (無線辨別感應器線圈) (GSAT1103, GSAT1503)
2. Inductance (電感值)
3. Tolerance (誤差值) (參照表 J 5%)

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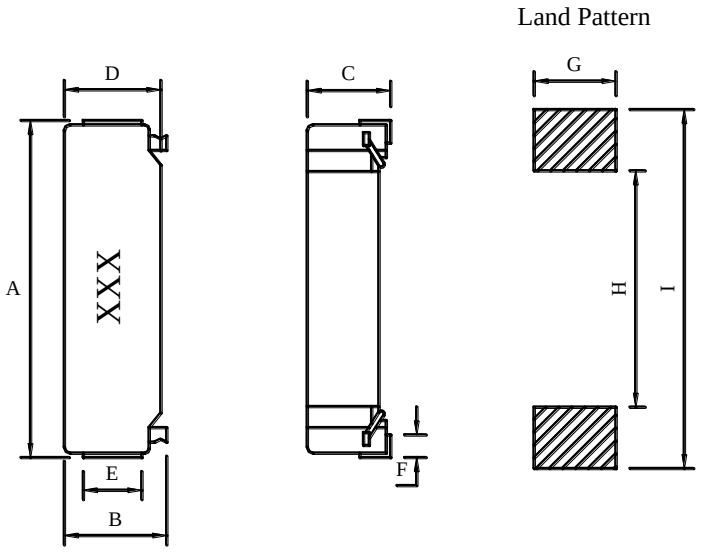
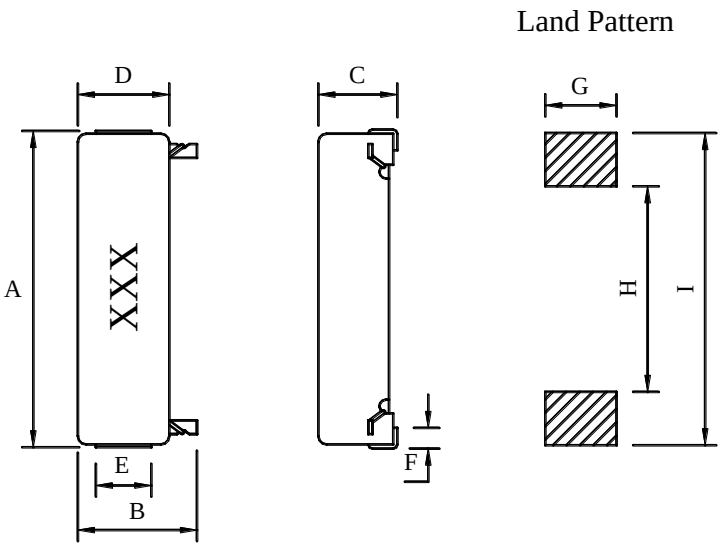
Configurations & Dimensions (結構圖及規格尺寸)

GSAT1103



Top View

GSAT1503



Top View

Unit In mm

Type (型式)	A (max)	B (max)	C (max)	D ±0.1	E	F	G	H	I
GSAT1103	11.8	4.5	3.0	3.3	2.0	0.8	2.8	8.1	12.3
GSAT1503	15.5	6.0	3.0	4.5	2.5	0.8	3.3	13.0	16.0

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

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GSAT1103

Electrical Characteristics for GSAT1103 Series [GSAT1103 系列電子特性規格]

Part Number 產 品 料 號	Inductance (mH) 電 感 值 (L)	Q (min) 品 質 因 數	Freq. (KHz) 測 試 頻 率	SRF (KHz) (min) 共 振 頻 率	DCR (Ω) (max) 直 流 阻 抗
GSAT1103 – 251J	0.25	30.00	125	2000	4.0
GSAT1103 – 901J	0.90	30.00	125	1000	13
GSAT1103 – 112J	1.10	30.00	125	1000	15
GSAT1103 – 242J	2.40	30.00	125	700	25
GSAT1103 – 332J	3.30	30.00	125	700	40
GSAT1103 – 382J	3.80	30.00	125	650	61
GSAT1103 – 402J	4.00	30.00	125	650	63
GSAT1103 – 492J	4.90	30.00	125	500	68
GSAT1103 – 712J	7.10	30.00	125	450	86
GSAT1103 – 722J	7.20	30.00	125	450	88
GSAT1103 – 952J	9.50	30.00	125	450	108

※Test Freq. : 125KHz / 0.25V.
※Operating Temp. : －40℃ ~ ＋125℃
※Storage Temperature&Humidity : ≦ 40℃ & 70% RH maximum