

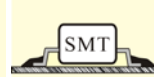
RFID Transponder Coils GSAT1103 / GSAT1503

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

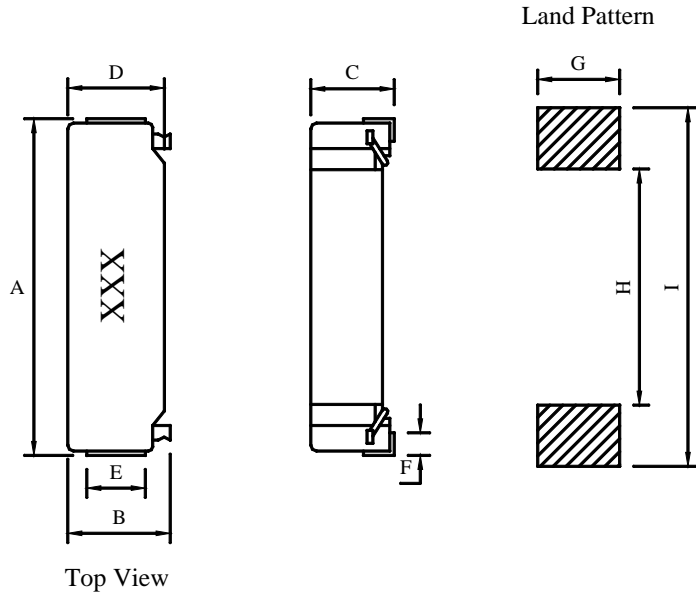
1. RFID Transponder Coils (無線辨別感應器線圈) (GSAT1103, GSAT1503)
2. Inductance (電感值)
3. Tolerance (誤差值) (參照表 J 5%)

RFID Transponder Coils

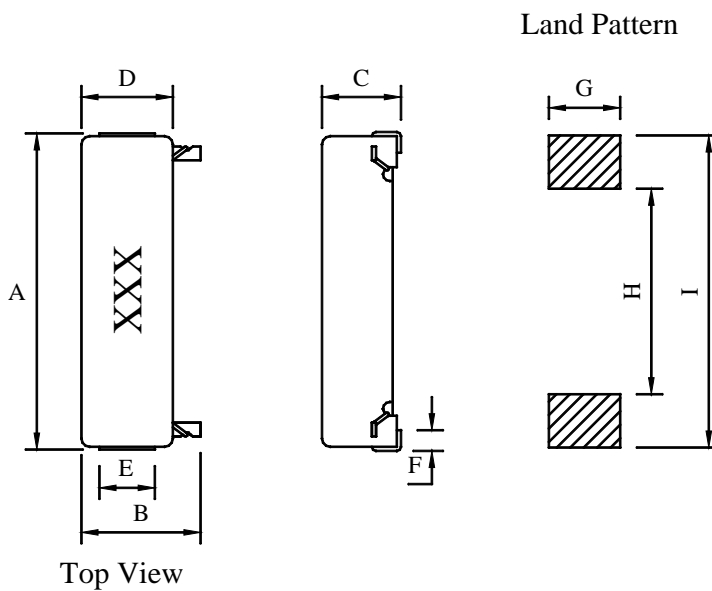
GSAT1103 / GSAT1503

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

GSAT1103



GSAT1503



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)

RFID Transponder Coils

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
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. : $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$

※Storage Temperature&Humidity : $\leq 40^{\circ}\text{C}$ & 70% RH maximum