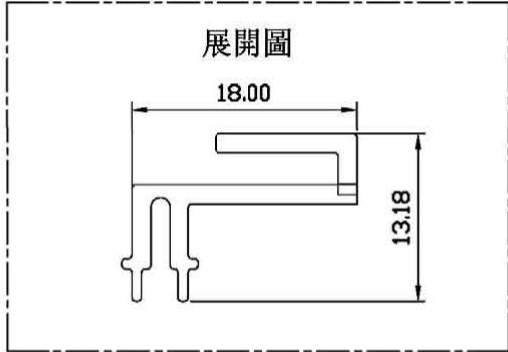
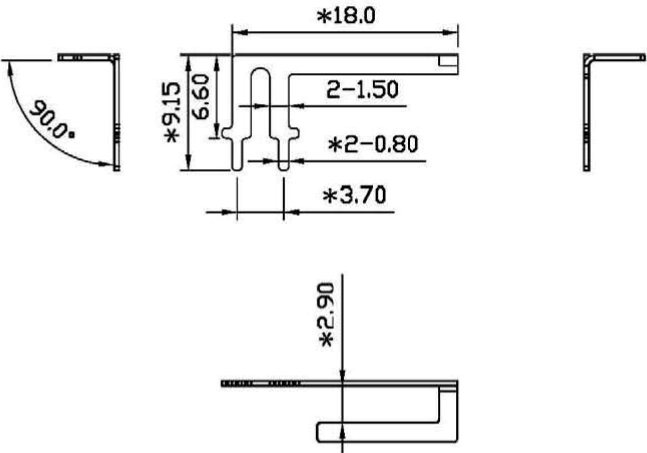
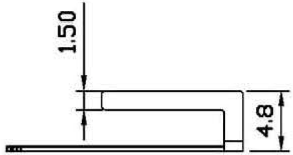
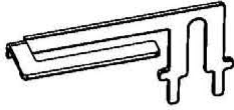

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可焊接性要求：
 实验条件：焊端浸入245°C±5°C熔融的SAC305焊料中3~5秒钟，取出元器件，用10x显微镜观察焊端覆盖焊料的情况
 合格条件：焊端表面超过95%的面积被焊料覆盖，且无针孔



備注：

1. 材質：C7521 T=0.4mm
2. 表面處理：本色
3. 帶*為重點尺寸
4. 未標注公差，請參照標準公差
5. 毛邊一致向內，未標注R0.3mm

东莞市广协电子有限公司

Product Name: 内置天线

Product Number: IM00001GX

APP BY	CHK BY	DES BY		Tolerance
HQ	RQ	LCY	UNITS:mm	X.X ±0.5
2014.09.16	2014.09.16	2014.09.16	SCALE:1/1 REVISION:A	X.XX ±0.2 X° ±1

Product Number: IM00001GX

Sample Photo



A. Electrical Characteristics

Frequency	2400 ~ 2500 MHz
S.W.R.	≤ 2.0
Gain	2.0 dBi
Efficiency	~ 50%
Polarization	Linear
Impedance	50 Ohm

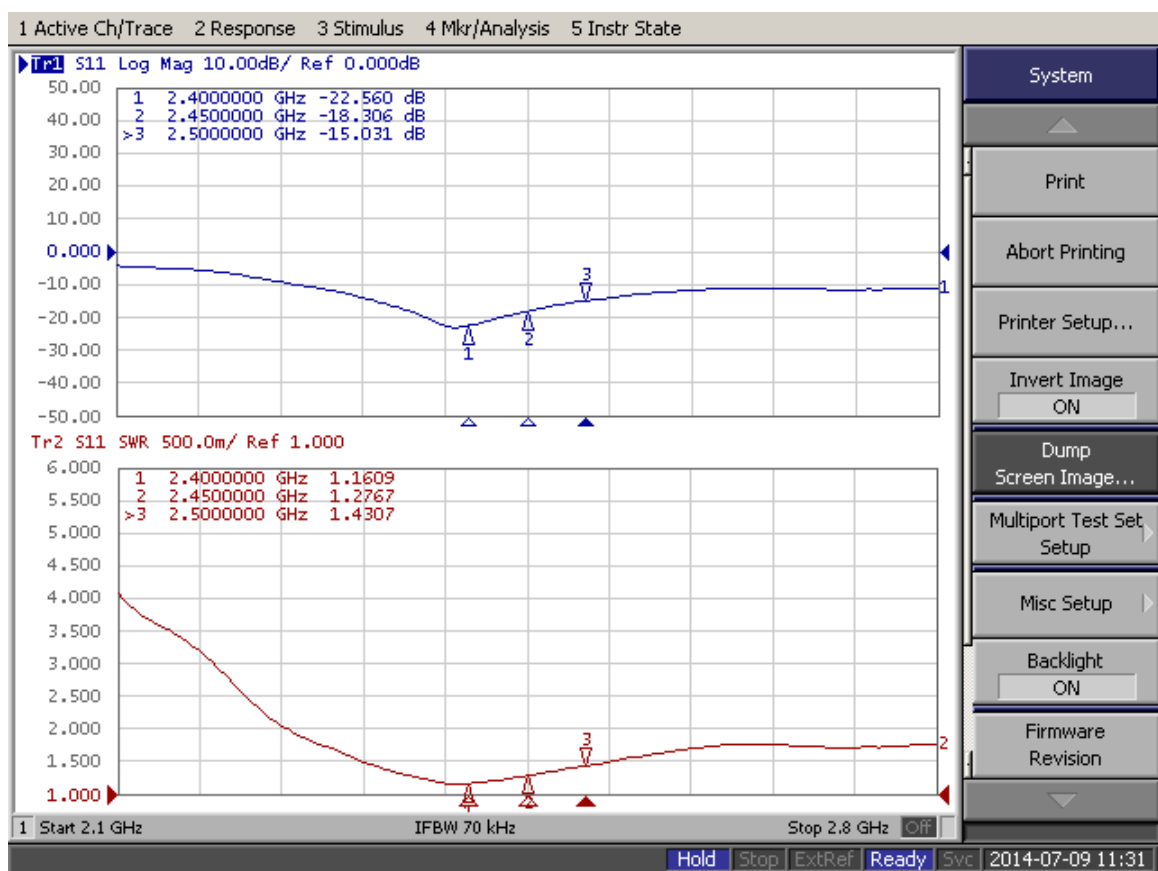
B. Material & Mechanical Characteristics

Material of Radiator	C7521
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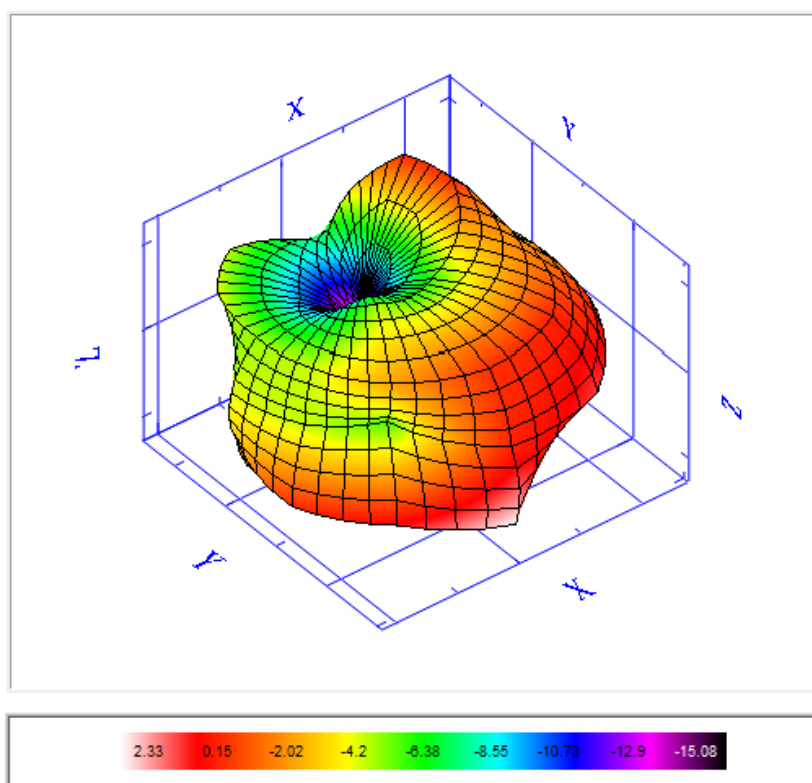
C. Environmental

Operation Temperature	- 40 °C ~ + 65 °C
Storage Temperature	- 40 °C ~ + 80 °C

Antenna - S Parameter Test Data



Antenna - Radiation Pattern Test Data



Frequency	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
TRP (dBm)	-3.56	-3.59	-3.59	-3.52	-3.47	-3.43	-3.24	-3.22	-3.02	-3.12	-3.08
Peak EIRP (dBm)	1.86	1.79	1.95	2.19	2.3	2.33	2.57	2.61	2.63	2.52	2.46
NHPRP +/- 45 (degree)	-3.87	-3.93	-3.9	-3.79	-3.76	-3.7	-3.51	-3.49	-3.28	-3.4	-3.39
NHPRP +/- 30 (degree)	-4.63	-4.69	-4.67	-4.56	-4.53	-4.46	-4.26	-4.23	-3.99	-4.09	-4.06
E-Theta Peak Gain (dBi)	-4.62	-4.55	-5.09	-4.95	-4.78	-4.56	-4.25	-4.5	-4.1	-4.32	-4.02
E-Phi Peak Gain (dBi)	1.59	1.46	1.62	1.86	1.88	1.97	2.2	2.25	2.25	2.18	2.06
E-Total Peak Gain (dBi)	1.86	1.79	1.95	2.19	2.3	2.33	2.57	2.61	2.63	2.52	2.46
Directivity (dBi)	5.43	5.38	5.55	5.71	5.76	5.76	5.81	5.83	5.64	5.63	5.53
Efficiency (%)	44.01	43.71	43.73	44.45	45.01	45.41	47.43	47.62	49.94	48.79	49.24