

2AR1044AA 2.4G ANTENNA

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6	5	4	3	2	1		
APPROVED: _____ DATE: _____ TITLE: _____ CUSTOM CABLE ASSEMBLIES ARE NON-CANCELLABLE / NON-RETURNABLE			Rev	AWO #	Description	Date	Appr
			-	T615	RELEASED	7/22/16	

P1

P2

130 ±3mm

.079"±.012" [2±0.3mm]

.039"±.012" [3±0.3mm]

.039"±.012" [1±0.3mm]

Stripped & Tinned

SPECIFICATIONS:
Connector:
P1= I-PEX terminal
P2= Stripped & Tinned
Cable:
Ø1.13 Coaxial Cable, Color: Gray
Electrical Test:
All Assemblies must be 100% Tested for
Shorts, Open, Continuity, and Physical Appearance.
Environmental:
Lead free, RoHS compliant

RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM] TOLERANCES: EXCEPT AS NOTED		
INCHES		HOLES
.X ±.10	Ø.X ±.10	
.XX ±.020	Ø.XX ±.015	
.XXX ±.015	Ø.XXX ±.010	

APPROVALS		DATE
DRAWN	AY	7/22/16
CHECKED	BC	7/22/16
APPROVED		

TITLE CUSTOM ASSEMBLY, I-PEX TERMINAL TO OPEN, 1.13 COAXIAL CABLE		
SIZE	PART NO.	REV.
X	KG CA#T615-9	-
REF:	SCALE: NTS	SHEET 1 OF 1

产品规格概述

Electrical Properties	
Frequency	DC~3GHz
Impedance	50 Ohm Nominal
V.S.W.R	<=2.0
Connector	I代 I-PEX conn
Physical Properties	
Antenna Material	COPPOR
Cable Type	OD. 1.13CABLE
Operating Temp.	-40 ~ +80 °C
Storage Temp.	+45 ~ +85 °C
Cable Color	GRAY

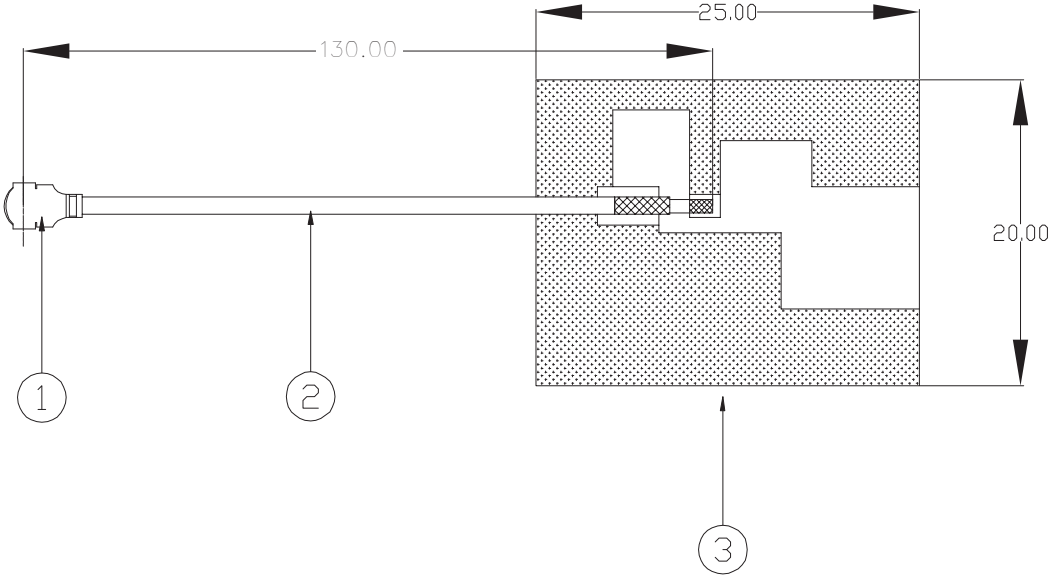
产品图片



RoHS

Compatible

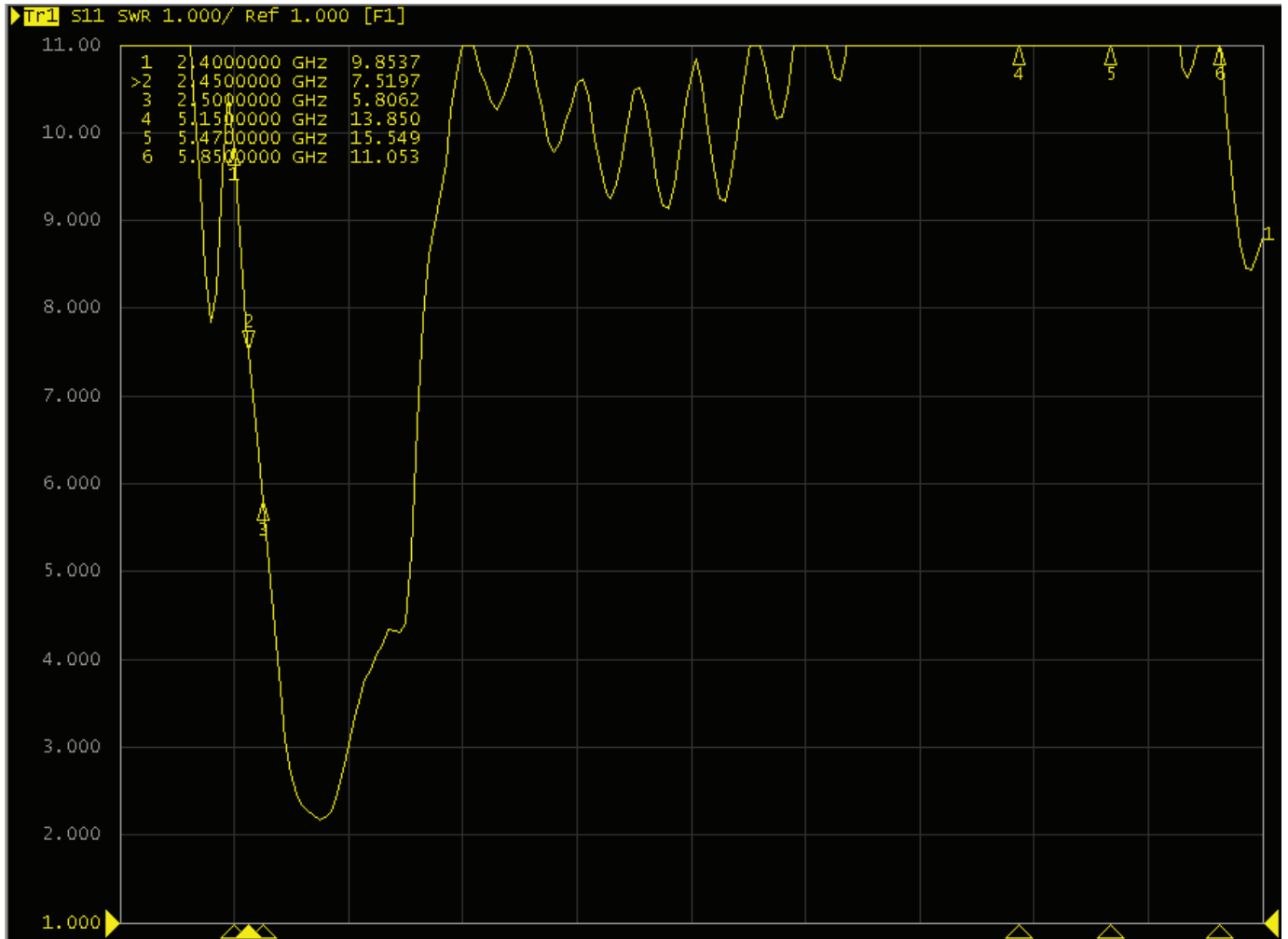
SIGN	DATE	DESCRIPTION	APPROVER



4				1
3	1PRSZ3	PCB	PCB 20*25*T0.5mm	1
2	1AR1044	Coaxial Cable	O.D. 1.13mm Black ,L:130mm	1
1	1AR1044	Connector	I-PEX Connector	1
No.	Part Number	Name	Material	Q'ty

TITLE: 2.4GHz Embedded Antenna					
PART NO:			CUSTOMER P/N: /		
APP BY	CHK BY	RF BY	DES BY		Tolerance
				UNITS: mm	X.X ±0.5
				SCALE: 2/1	X.XX ±0.25
				REVISION: A	X° ±1

VSWR



Product Number: 2AR1044AA
Product Name: Antenna

2. Specification

Sample Photo	
	
A. Electrical Characteristics	
Frequency	2400 ~ 2500 MHz
V.S.W.R.	<= 2.0 (Test data from the model test)
Peak Gain	0 dBi
Polarization	Linear
Impedance	50 Ohm
B. Material & Mechanical Characteristics	
Material of Radiator	PCB
Cable Type	O.D. 1.13 mm
Connector Type	Mini Connector
Pull Test	>= 1.0 Kgf
C. Environmental	
Operation Temperature	- 40 °C ~ + 65 °C
Storage Temperature	- 40 °C ~ + 80 °C