

Ceramic Antenna

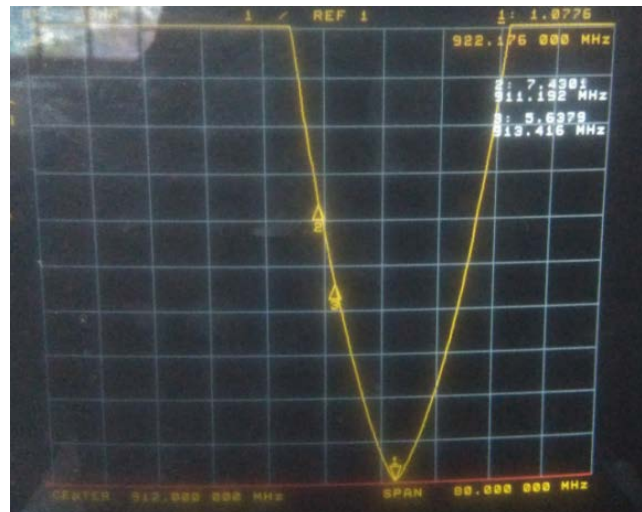
922MHz

Model : WS-ANTSMD922

Specification

Parameter	Specification
Dimension	40*40*5mm
Mid-frequency	922±3 MHz
Bandwidth	8MHz min. @S11≤-10 dB
Standing Wave	≤1.5
Antenna Gain	4 dBi (Soldered on the board, when the grounding area is 50*50mm)
Axis Ratio	3.0 dBm Typ.
Working Temperature	-40~+85°C
Limit Temperature	-40~+85°C
Relative Humidity	10~95% RH

Return Loss

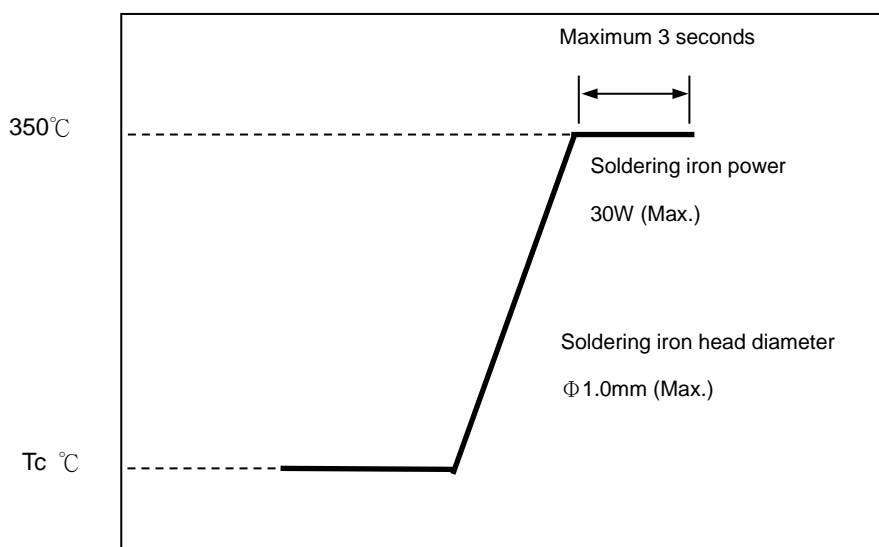


Structure and Material

NO.	Description	Structure and Material
1	Antenna Substrate	Dielectric Ceramics
2	Pin	Copper, Tin Plated
3	Electrode	Ag Plated
4	Ground Base	Ag Plated
5	Adhesive type	3M

Recommend Soldering Conditions

- Hand soldering
- Soldering iron power : 30W (Max.)
- Pre-heat : 150°C/60secs
- Soldering iron head temperature : 350°C (Max.)
- Soldering time : 3 seconds (maximum)
- Tin soldering : Sn/3.0Ag/0.5Cu
- Hand soldering : one time (Max.)



Appearance

