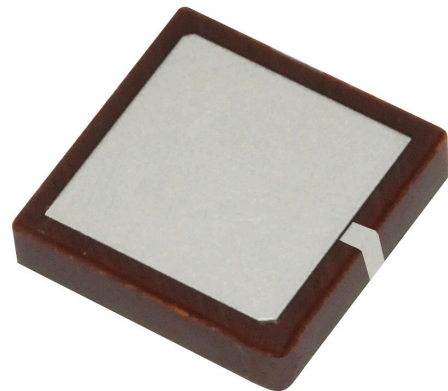

SMD GPS Antenna

- SMT GPS Antenna
- 1.5 dB Gain
- Low V.S.W.R
- Wide temperature range
- High Quality

ADA-18184SMD is an easy design-in ceramic Dielectric GPS Antenna with Silver Electrode Antenna pattern.

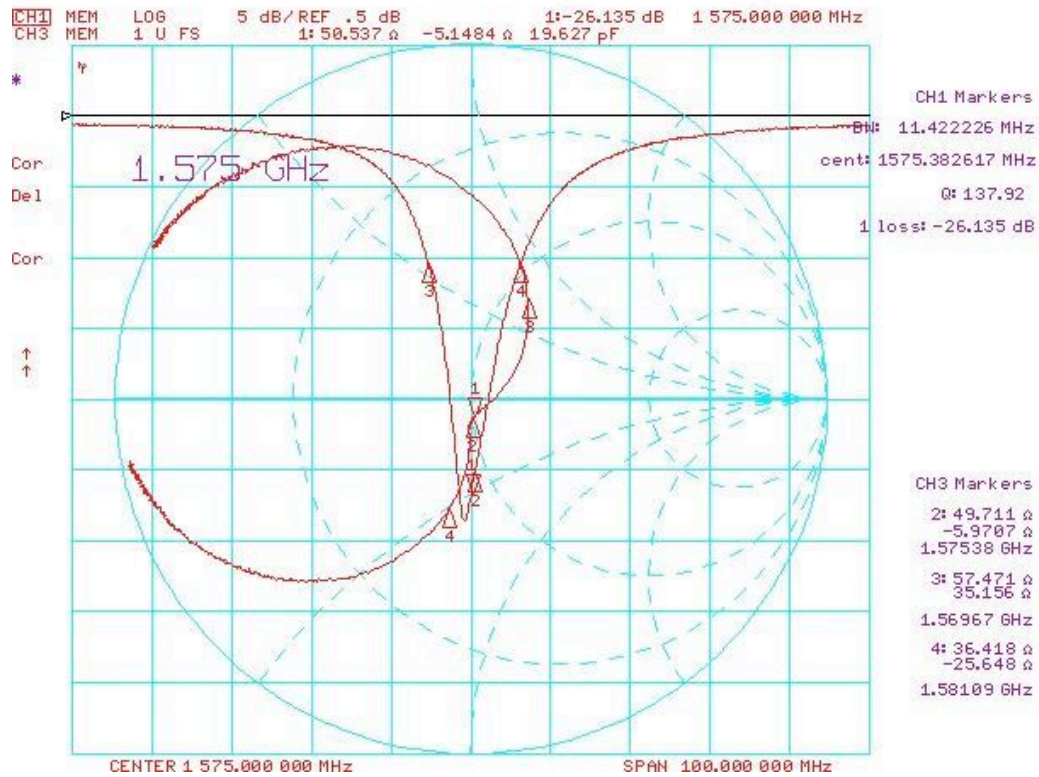


RoHS

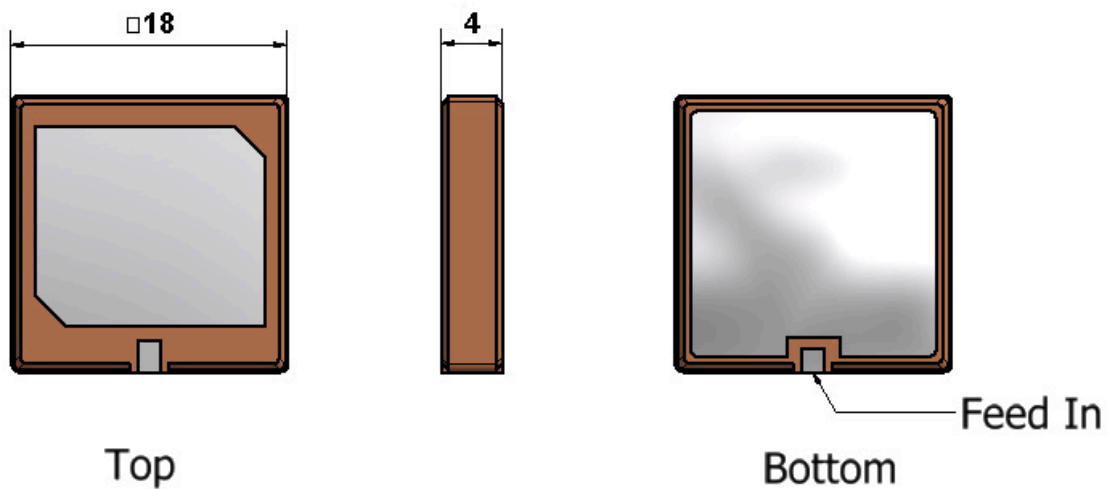
Specification

Category	Overall performance
Receiving Frequency	1572.42MHz \pm 1.023MHz
Center Frequency	1575MHz \pm 3MHz
Bandwith	8 MHz
VSWR	1.5 Max
Gain @ Zenith	2.5 dBic Typ.
Gain @ 10 degree	0 dBic Typ.
Axel Ratio	4 dB
Polarization	R.H.C.P.
Output Impedance	50 Ω
	Environmental Conditions
Operating Temperature	-40 — +105°C
Storage Temperature	-40 — +105°C
Soldering Temperature	+265°C for max 5 seconds
Dimensions Ceramic	18 x 18 \pm 0.2 mm x 4 \pm 0.2 mm
Dimensions Ground Plane	50 x 50mm.

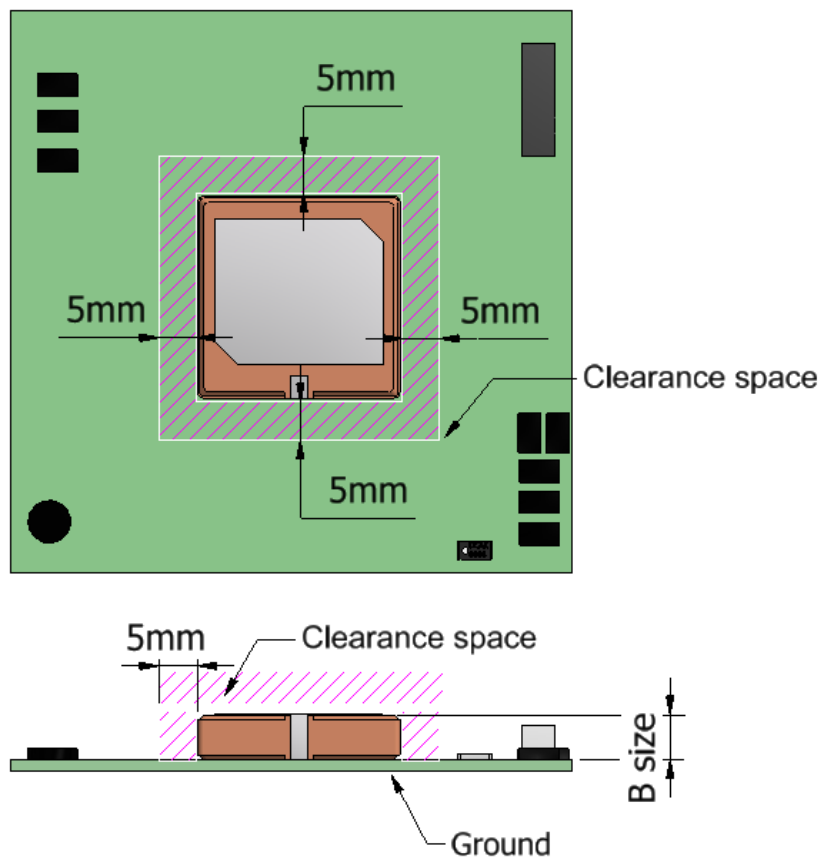
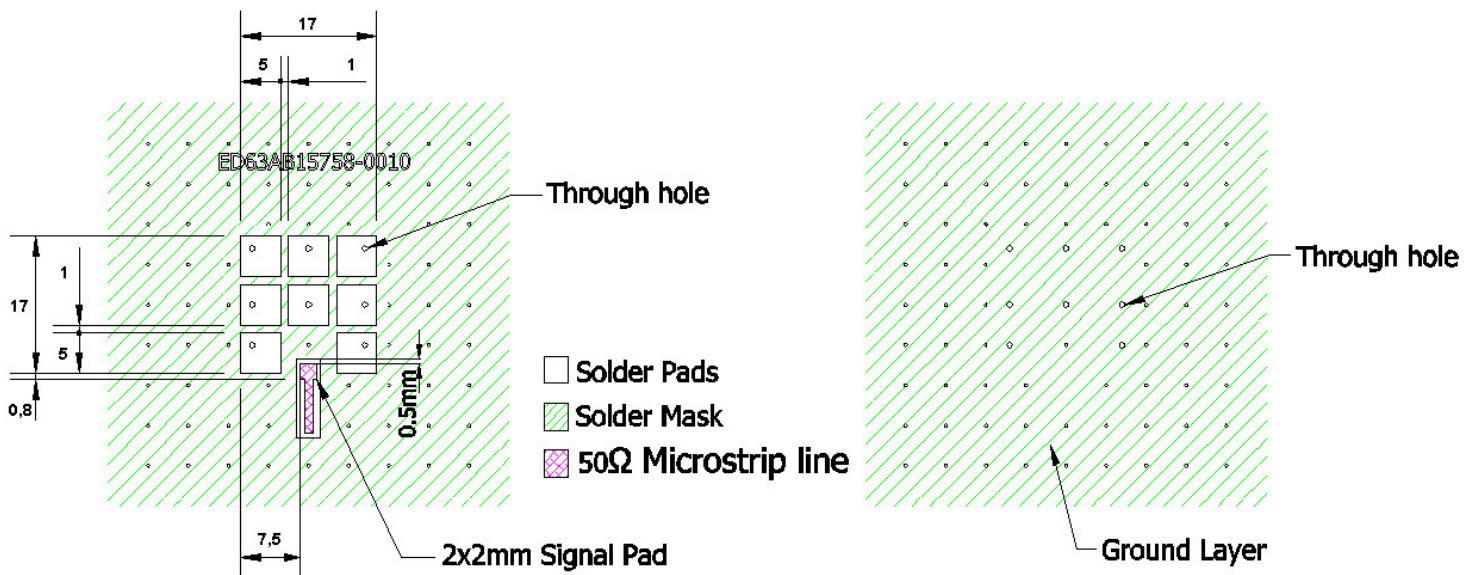
Antenna Electric Characteristic



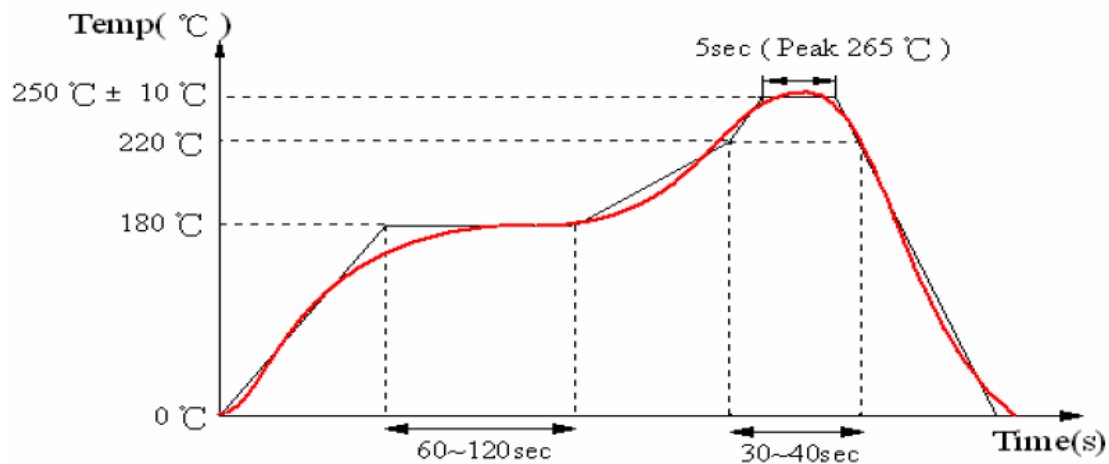
Antenna Dimension



PCB Board Design



Recommendations of the Solder and Conditions



Solder: SN-3Ag-0,5Cu

Ordering codes

TYPE	Description	Comment
ADA-18184SMD	GPS SMD Patch Antenna	1575.42MHz

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