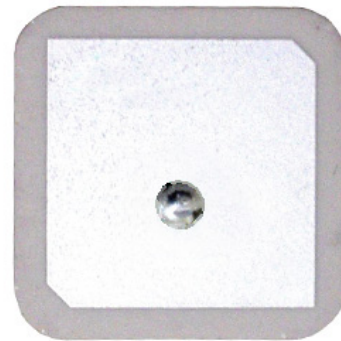

GPS Dielectric Antenna

- **GPS Dielectric Antenna**
- **2 dB Gain**
- **Low V.S.W.R**
- **Wide temperature range**
- **High Quality**

ADA-25252 is an easy design in ceramic Dielectric GPS Antenna with Silver Electrode Antenna pattern.

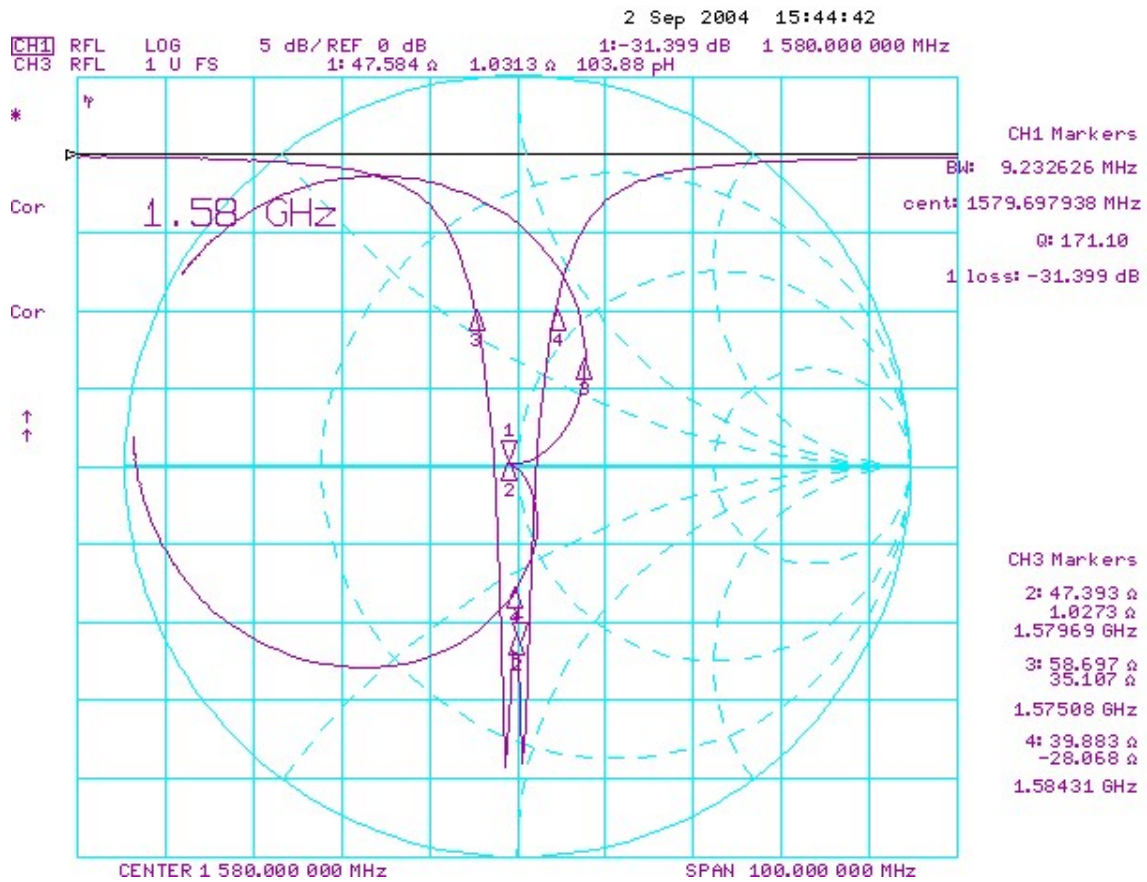


RoHS

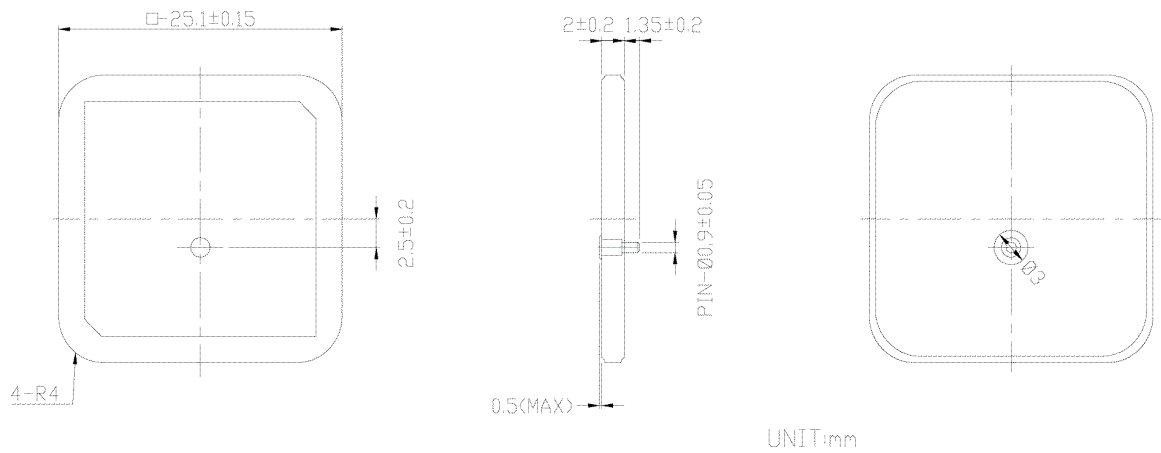
Specification

Category	Overall performance
Receiving Frequency	1572.42MHz $\pm$ 1.023MHz
Center Frequency	1580MHz $\pm$ 3MHz
Bandwith	5.0MHz
VSWR	1.5 Max
Gain @ Zenith	2.0dB Typ.
Gain @ 10° Elevation	-4.0dB Typ.
Axel Ratio	3dB
Polarization	R.H.C.P.
Output Impedance	50 Ω
	Environmental Conditions
Operating Temperature	-40 — +105°C
Storage Temperature	-40 — +105°C
Soldering Temperature	+400°C for max 6 seconds
Dimensions	25.1 x 25.1 $\pm$ 0.15 mm x 2 $\pm$ 0.2 mm

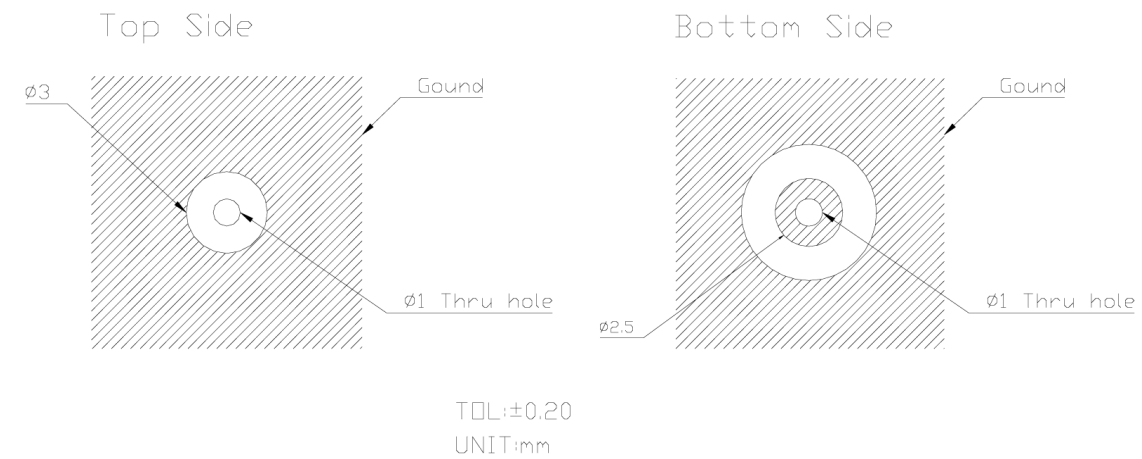
Dielectric Antenna Electrical Characteristics



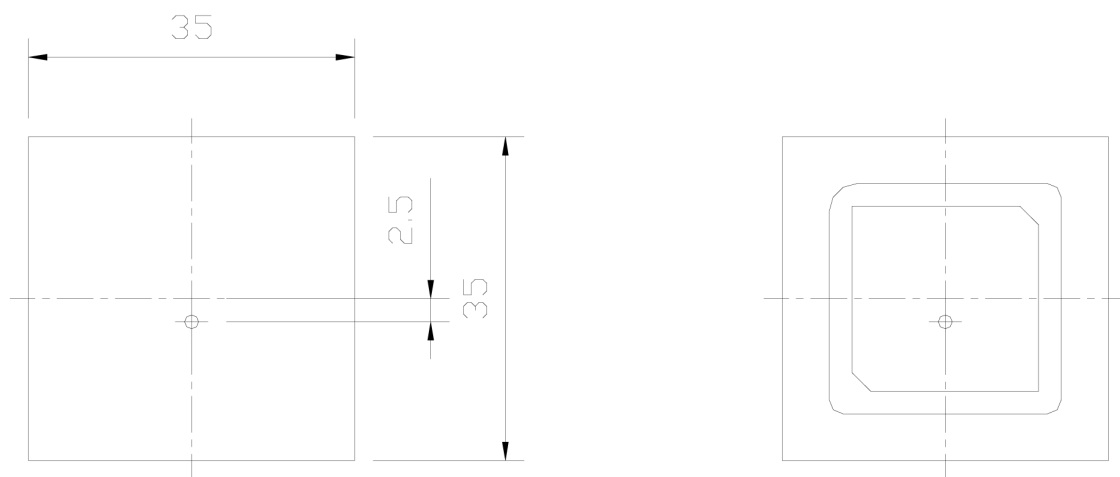
Antenna Dimensions



PCB Layout



Ground Plane Dimensions



Ordering codes

TYPE	Description	Comment
ADA-25252	GPS Patch Antenna	1580MHz

For the latest updates, visit our Web site: www.adactus.se

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