

SMT WLAN Passive Patch Antenna

- **SMT Mount**
- **2487MHz (standard)**
- **High Performance**
- **25x25x4 mm**
- **Suitable for embedded applications**

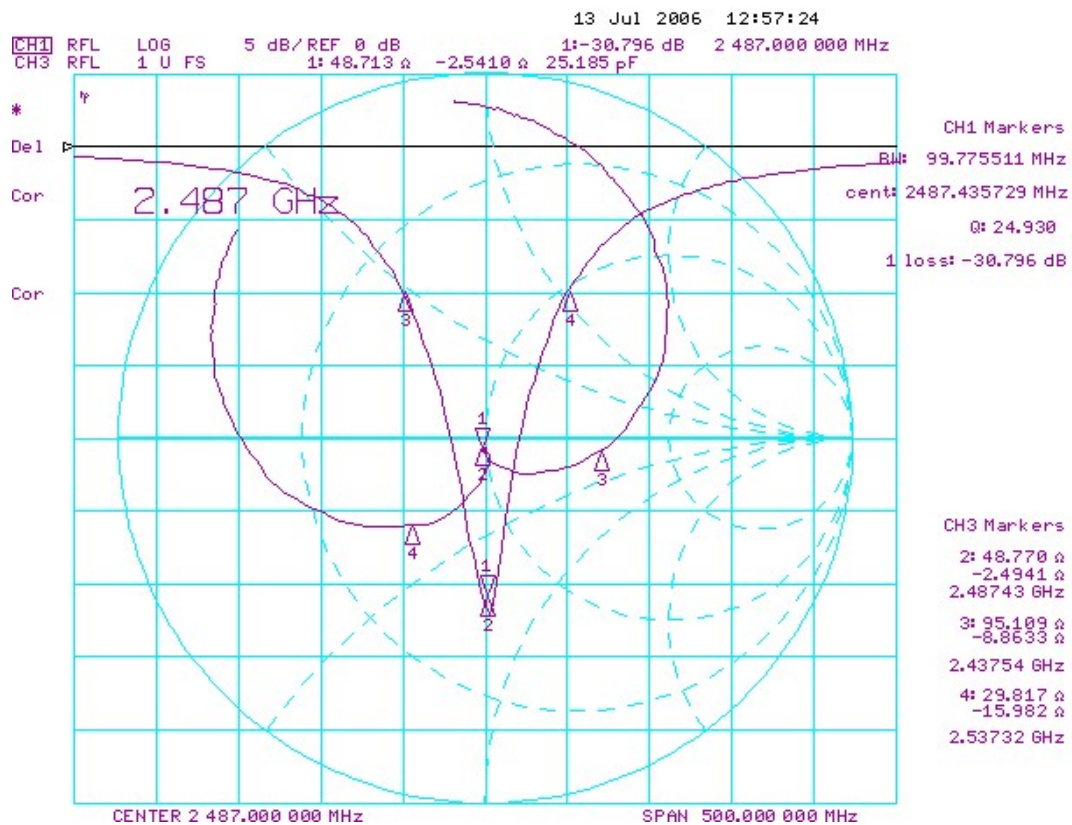


ADA-WLAN25254 is a high performance, high quality passive WLAN antenna module for SMT mount with standard reflow soldering.

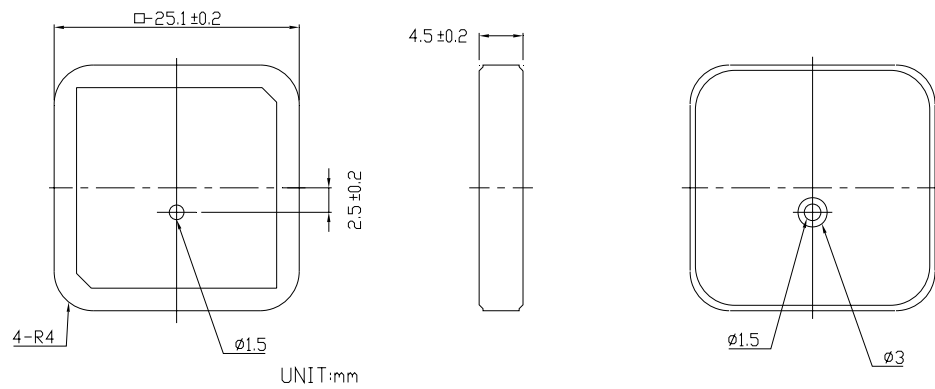
It's especially designed for small integrated devices and low cost production creating high yield.

Specification

Category	GPS
Frequency	2450MHz $\pm$ 50 MHz
Center Frequency	2487MHz $\pm$ 4MHz
Polarization	R.H.C.P.
Bandwidth	80 MHz min Return Loss -10dB
VSWR	1.5 Max
Gain at Zenith	Typ. 5.0 dBi
Axel Ration	3 dB Max
Impedance	50 Ω
Freq. Temp. Coeff.	0 $\pm$ 20ppm /
Operating temperature	-40 — +105 ° C
Size	25 x 25 x 4 mm
Weight	5 $\pm$ 0.5 grams
Mounting	SMT
ROHS	Compliant with EU

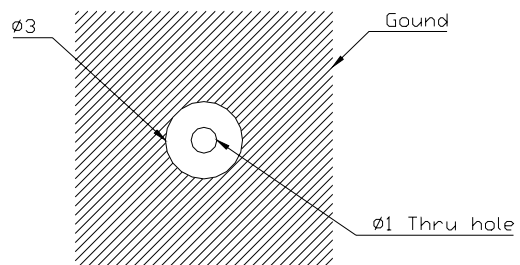


Dimensions

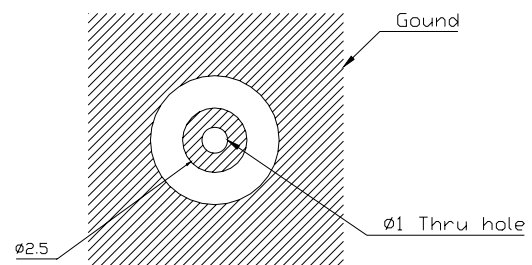


Layout Dimensions

Top Side

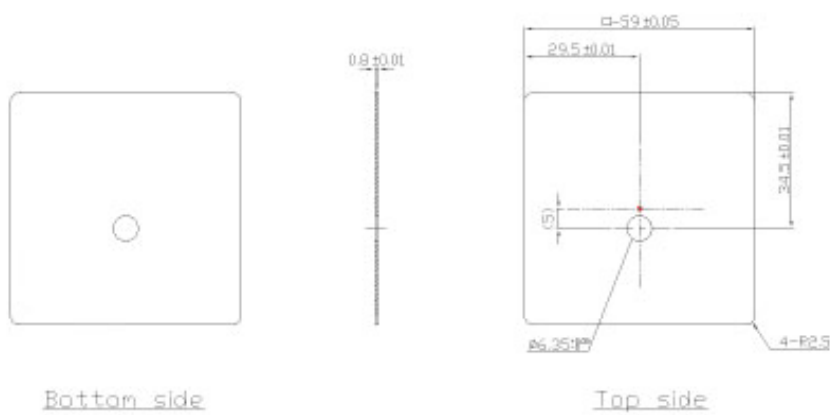


Bottom Side



TOL:±0.20
UNIT:mm

Ground Plane Dimension



Ordering codes

TYPE	Description	Comment
ADA-WLAN25254	WLAN Patch	WLAN Ceramic Patch

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