

### SMT WLAN Passive Patch Antenna

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

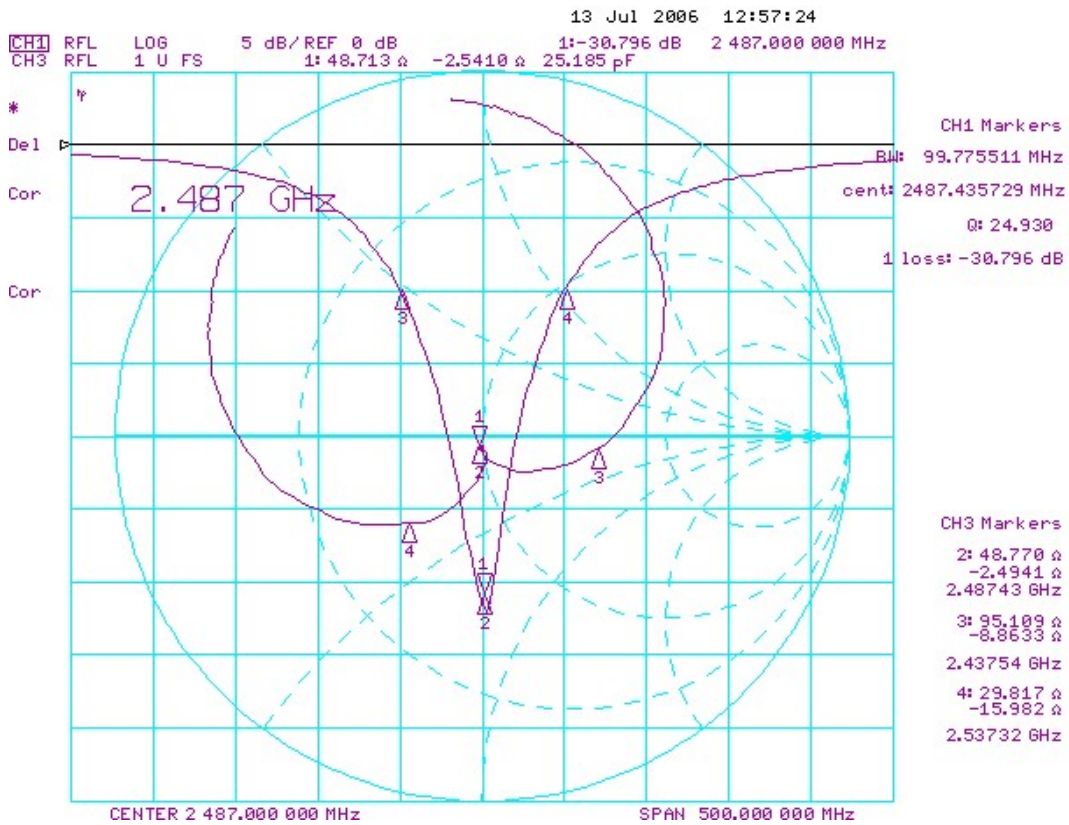


ADA-WLAN25254 is a high performance, high quality passive WLAN antenna module for SMT mount with standard reflow soldering.

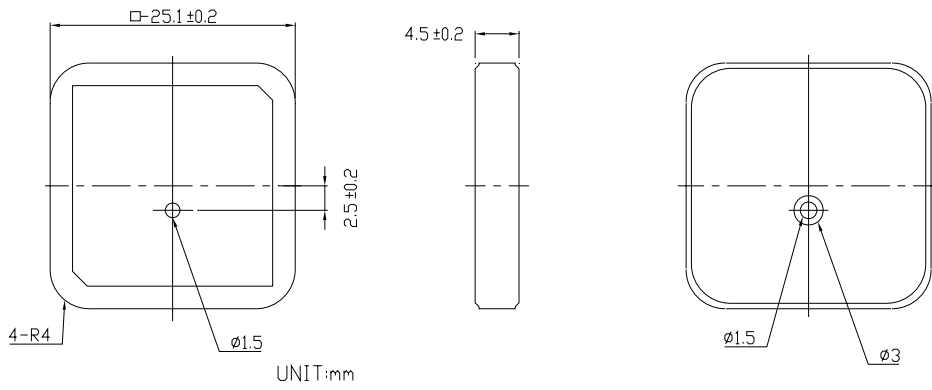
It's especially designed for small integrated devices and low cost production creating high yield.

## Specification

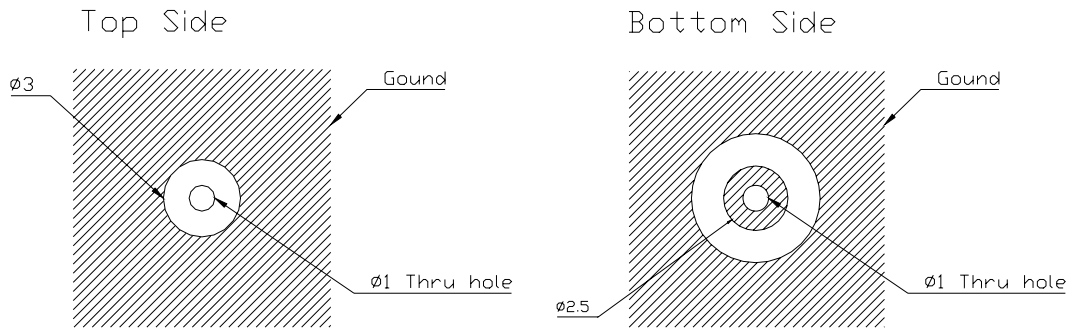
Category	GPS
Frequency	2450MHz $\pm$ 50 MHz
Center Frequency	2487MHz $\pm$ 4MHz
Polarization	R.H.C.P.
Bandwidth	80 MHz min Return Loss $\square$ -10dB
VSWR	1.5 Max
Gain at Zenith	Typ. 5.0 dBi
Axel Ration	3 dB Max
Impedance	50 $\Omega$
Freq. Temp. Coeff.	0 $\pm$ 20ppm / $\square$
Operating temperature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



### Dimensions

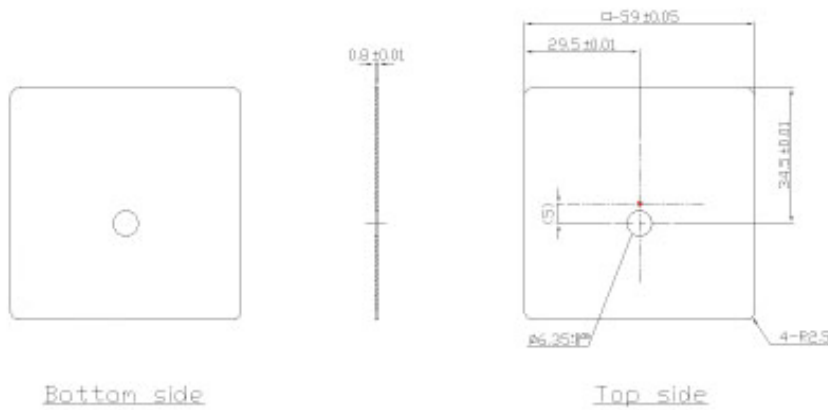


### Layout Dimensions



TOL:  $\pm 0.20$   
 UNIT:mm

### Ground Plane Dimension



## Ordering codes

TYPE	Description	Comment
ADA-WLAN25254	WLAN Patch	WLAN Ceramic Patch

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