



PRODUCT DATASHEET

MG-GNSS-2525

Type Passive Ceramic Patch Antenna
Frequencies GPS/GLONASS
Mounting Soldering
Brand Name MG ANTENNAS



Revision #	Content	Page	Date
0	First, document	-	04.12.2019

1. SPECIFICATION

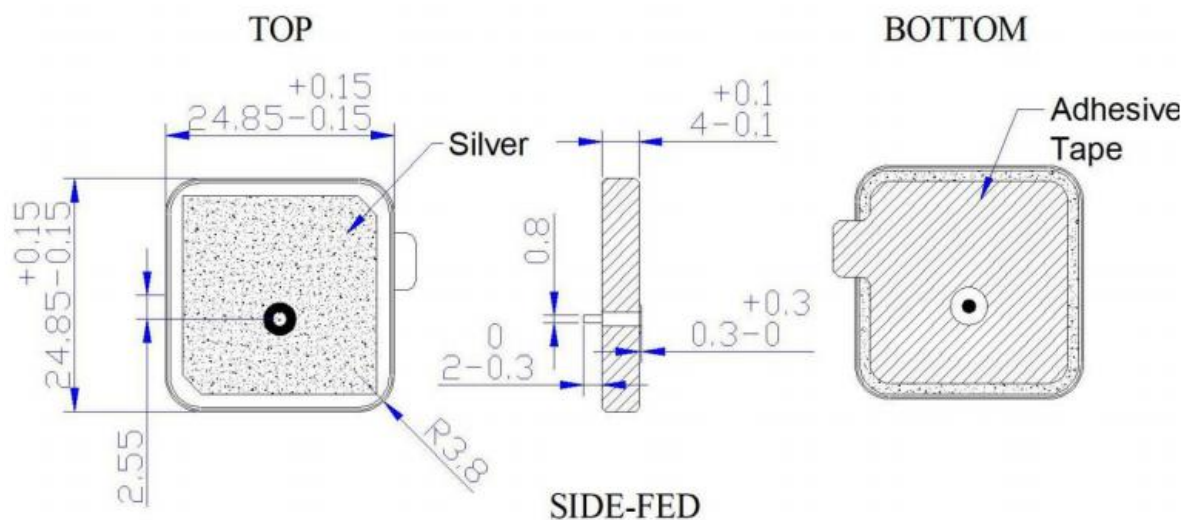
1.1 Electrical Specifications

Frequency	GPS: 1575.42MHz GLONASS: 1601-1610Mhz
Center Frequency	1590MHz
Polarization	RHCP
Return Loss	-10dB
Axial ratio	≤5dB (Center Frequency)
Gain	≥2dBi (connecting PCB)
Vertical Beamwidth	100±10°
Horizontal Beamwidth	360°
Efficiency	≥57%@1575MHz
Output Impedance	50 Ω

1.2 Mechanical and Environmental Specification

Dimensions	25*25*4 mm
Unit Weight	Typ. 9g
Operating/ Storage Temperature	- 40 °C ~ + 90 °C
Working Humidity	≤95%

2. DIMENSIONS



3. PACKAGING

Tray (Blister)	50 PCS
Inner Box	600 PCS (12 Tray)
Outer Box (carton)	1200 PCS (2 Inner Box)

