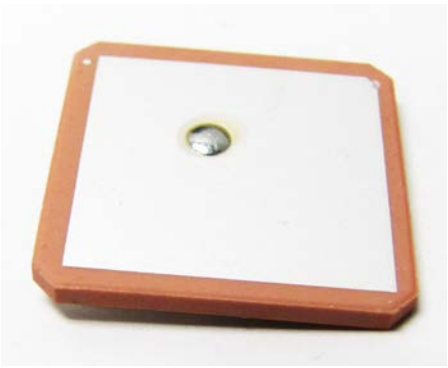
WORLD PRODUCTS INC.

19654 Eighth Street East
P.O. Box 517
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(707) 996.5201
www.worldproducts.com
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WPANT60025-R1A

Pin Style Ceramic GPS Patch Antenna



Note: Picture shown here is for reference. Actual antenna is only 1mm thick.

Description / Application

This is a Pin-style Ceramic Patch Antenna for GPS L1 Band applications. This can be used in portable navigation devices where size and performance are very critical.

The antenna can be tuned to any other frequency 15XX MHz and the corresponding part number would be WPANT60025-R1AXX.

We can assist your engineers to optimize mounting positions for these antennas in your specific application and can further assist to trouble shoot system integration issues such as TRP/TIS and FCC requirements. We specialize in developing customized Antenna solutions. Please contact sales@worldproducts.com with your specific application requirements.

Electrical Properties

Operating Frequency	1567 – 1583 MHz
Approximate Antenna Impedance [Ω]	50Ω
VSWR – Typical	< 1.5:1 @ 1575 MHz
Peak Gain [dBic] (Typical)	4.5 dBic @ Zenith
Polarization	RHCP
Axial Ratio [dB] (Typical)	3 dB

Mechanical / Environmental Properties

Patch Dimensions	25mm X 25mm X 1mm
Antenna Color	Brown
Operating / Storage Temperature	-40°C to +90°C
Environmental	Meets standards for UL 94V-0
Hazardous Materials	RoHS Compliant

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Pictures of the Antenna



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