915 to 918 MHz Permanent Mount Mini Antennas Solder Post



PEANRBD1062

Features

- 915 MHz to 918 MHz
- -0.5 dBi Gain
- Solder Post connector
- Embedded Through Hole
- VSWR 2:1
- Linear polarization

Applications

- LPWAN
- ISM
- LoRaWAN
- Sigfox
- Weightless-P
- WiFi HaLow
- Fixed and Mobile Devices

Description

The PEANRBD1062 is a high-quality single-band permanent mount mini antenna with -0.5 dBi nominal gain and has a frequency range of 915 MHz to 918 MHz. Pastenack's omnidirectional embedded through hole permanent mount mini antenna is 0.6 inches tall and 0.5 inches wide.

The PEANRBD1062 permanent mount mini antenna from Pastenack features a Solder Post connector with an input VSWR (voltage standing wave ratio) of 2:1.

Pastenack's linearly polarized antenna can operate at temperatures ranging from -40 °C to 60 °C. This single-band permanent mount mini antenna is offered with expert technical support, PDF datasheets, and CAD drawings with dimensions and specifications.

Configuration

Design	Embedded Through Hole
Band Type	Single
Radiation Pattern	Omni Directional
Polarization	Linear
Connector Type	Solder Post

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	915		918	MHz
Center Frequency		916		MHz
Input VSWR			2:1	
Impedance		50		Ohms
Gain		-0.5		dBi

Mechanical Specifications

Radome Material	TPEEL630
Size	
Length	6 in [152.4 mm]
Width	0.5 in [12.7 mm]
Height	0.5 in [12.7 mm]
Weight	0.001 lbs [0.45 g]

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+1 (866) 558-2786 | sales@pasternack.com | pasternack.com

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Environmental Specifications

Temperature

Operating Range	-20 to +60 deg C
Storage Range	-30 to +70 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Typical Radiation Pattern

Appendix

Electrical Downtilt: Angle in the antenna's elevation pattern in which the maximum gain occurs.

Gain: Antenna's average gain.

Front to Back Ratio @ 180°±30°: Average difference between the antenna's maximum gain and the maximum gain in the antenna's back lobe over ±30° angles.

Cross-polarization Ratio (dB): Typical difference between the co-polarization and cross-polarization gain across the sector's 3 dB Beam Width.

915 to 918 MHz Permanent Mount Mini Antennas Solder Post from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 915 to 918 MHz Permanent Mount Mini Antennas Solder Post PEANRBD1062

URL: https://www.pasternack.com/915-918-mhz-perm-mnt-mini-antennas-solder-post-peanrbd1062.html

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PEANRBD1062 CAD Drawing

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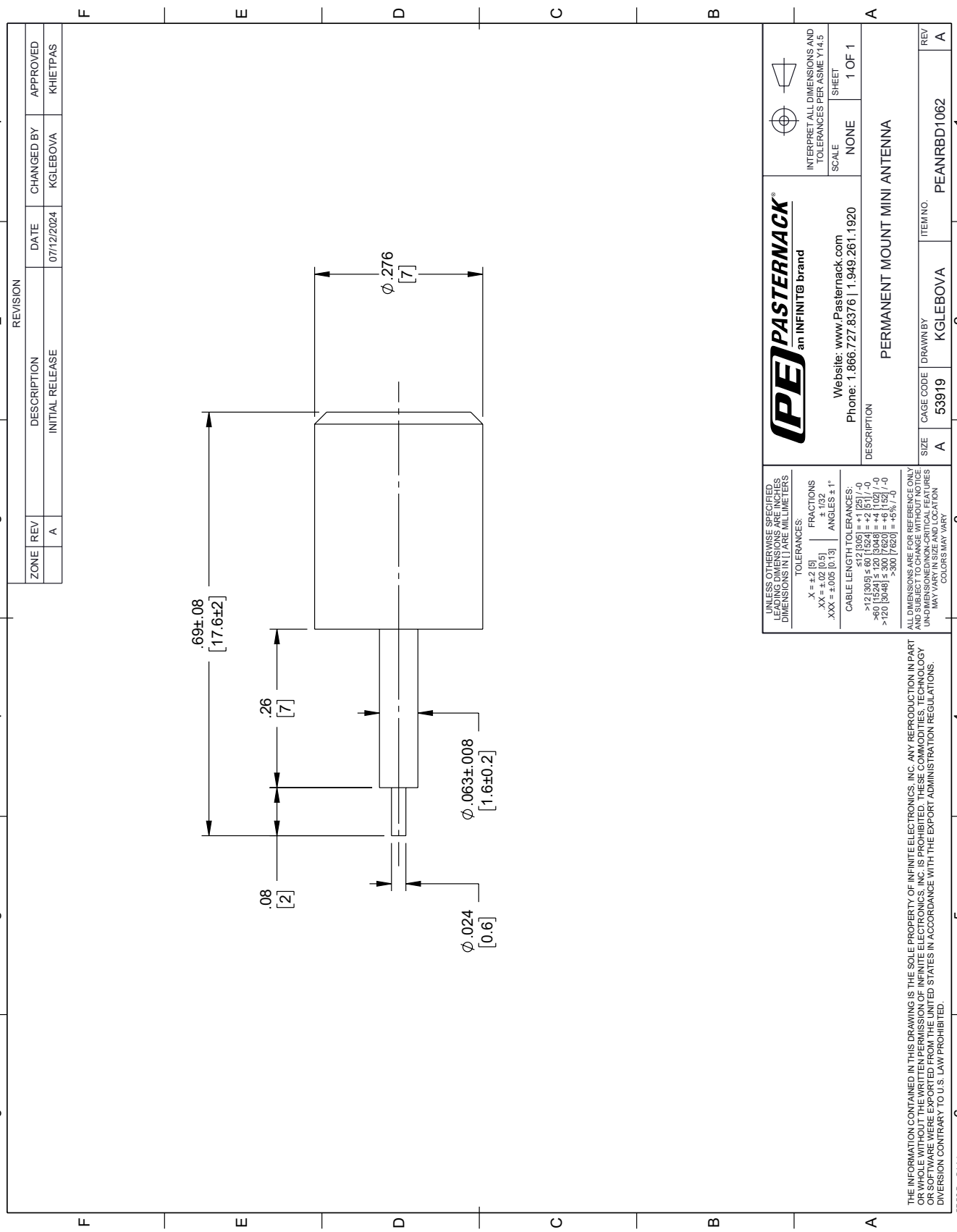

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