

Antenna Solutions

824 - 960 & 1710 - 1990 MHz Quad Band Antenna (US Dual and EU Dual Band)

Part Number: 1513273-1

Product Facts

- This small embedded antenna provides the most reliable easy-to-use, and adjustment-free antenna technology for handling during assembly and implementation by developers.
- RoHS compliant

Recommendations

- Minimum or no matching circuits required.
- Bandwidth and performance is dependent on ground plane size. Suggested minimum ground plane length from the antenna feed is 100 mm.

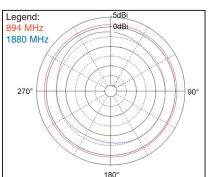


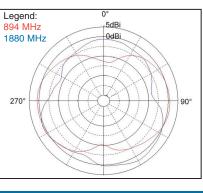
Specifications

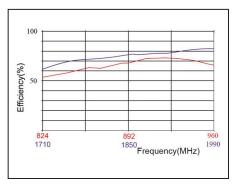
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Frequency Range (MHz)	824 – 960; 1710 – 1990
Peak Gain	+ 2 dBi
VSWR	< 3.0:1
Polarization	Linear
Azimuth Beamwidth	Omni-directional
Power Handling	10 Watt cw
Feed Point Impedance	50 Ohms unbalanced
Size	35.56 mm x 15.11 mm x 1.57 mm
Weight	< 1.8 g.
Mounting	Tab mounted with plated through holes. See page 2
Keep Out Area	See diagram on page 2

VSWR **Test Orientation in Free Space** 5 0 VSWR 90° 1 824 892 960 azimuth plane 1710 1850 1990 90° elevation plane Frequency (MHz) Efficiency Elevation

Azimuth







Catalog 3-1773459-0 Revised 03-11

www.te.com www.antenna.te.com Dimensions are in inches and millimeters unless otherwise sspecified. Values in brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

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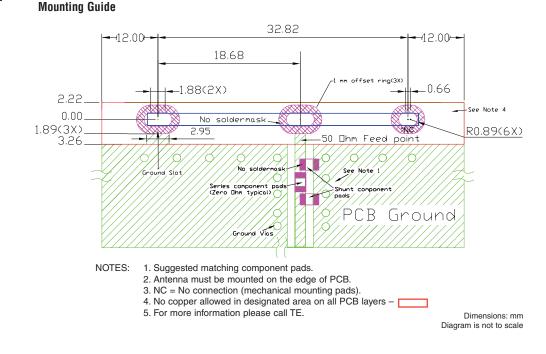
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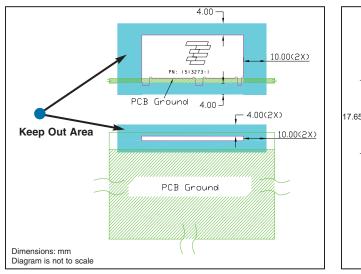
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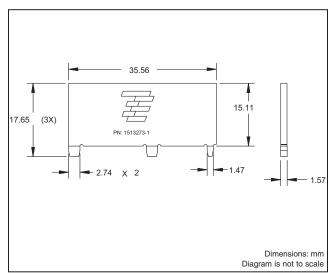
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Keep Out Area



Approx. Dimensions



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Consult TE for the latest dimensions and design specifications.

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