Laird TECHNOLOGIES®

Innovative **Technology** for a **Connected** World

D-Puck
Internal Antenna Surface Mount

The evolution of technology has brought the need to communicate everywhere and at all times without being confined to one space. The Laird Technologies D-Puck is specifically designed to be embedded inside devices for aesthetically pleasing integration with high durability.

Laird Technologies' proven quality and reliability in designing and manufacturing these cost effective antennas aids handset and device manufactures in reducing time-to-market. Minimum order quantities apply. Please inquire with a Laird Technologies customer service representative to find your solution today!

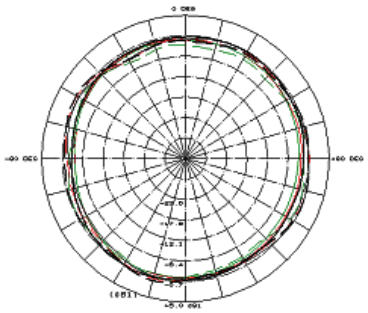
FEATURES

- Tape and reel packaging for high volume pick and place manufacturing processes
- Planar Inverted F Antenna (PIFA) requires ground plane to radiate efficiently
- Conformance to European RoHS Directive 2002/95/EC

MARKETS

- Handsets
- WiMAX

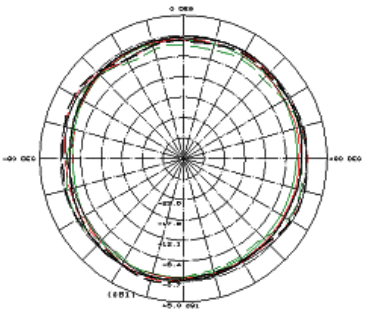
PARAMETER	SPECIFICATION
Frequency range	2.4 - 2.5 GHz; 5.15 - 5.875 GHz
Gain	>3 dBi; >4 dBi
Impedance	50 ohms
VSWR	<2.5:1
Polarization	Vertical
Weight	2 g
Dimensions	16 x 16 x 6 mm
Carrier material	Black color resins



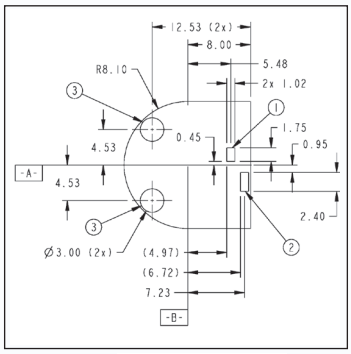
AZIMUTH
TOTAL GAIN

MODEL#	PART#	DESCRIPTION	CONNECTOR
WID2452	MAF94192	Tape and Reel	N/A
WID2452-SM	CAF94377	Eval PCBA	SMA-female Panel

Specifications subject to change without notice.



ELEVATION
TOTAL GAIN



FOOTPRINT

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