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!

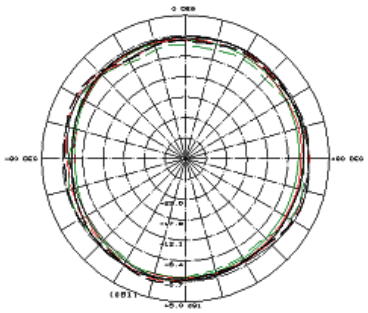
FEATURES

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

MARKETS

- Handsets

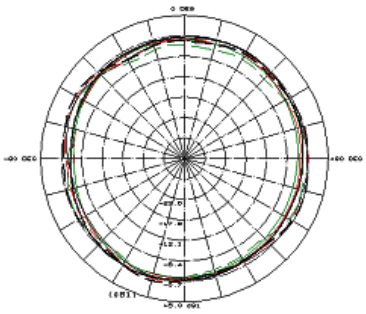
PARAMETER	SPECIFICATION
Frequency Range	2.4 - 2.5 GHz; 5.15 - 5.875 GHz
Gain	>3 dBi; >4 dBi
Impedance	50 ohms
VSWR	<2.5:1
Polarization	Vertical
Weight	2 g
Dimensions	16 x 16 x 6 mm
Carrier Material	Black color resins



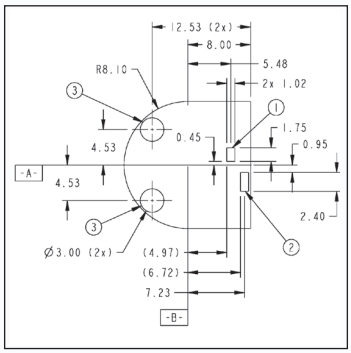
AZIMUTH
TOTAL GAIN

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

global solutions: local support™

Americas: +1.847 839.6907
IAS-AmericasEastSales@lairdtech.com

Europe: +1.32.80.7866.12
IAS-EUSales@lairdtech.com

Asia: +1.65.6.243.8022
IAS-AsiaSales@lairdtech.com

www.lairdtech.com

ANT-DS-D-PUCK 1109

Any information furnished by Laird Technologies, Inc. and its agents is believed to be accurate and reliable. Responsibility for the use and application of Laird Technologies materials rests with the end user, since Laird Technologies and its agents cannot be aware of all potential uses. Laird Technologies makes no warranties as to the fitness, merchantability or suitability of any Laird Technologies materials or products for any specific or general uses. Laird Technologies shall not be liable for incidental or consequential damages of any kind. All Laird Technologies products are sold pursuant to the Laird Technologies' Terms and Conditions of sale in effect from time to time, a copy of which will be furnished upon request. © Copyright 2009 Laird Technologies, Inc. All Rights Reserved. Laird, Laird Technologies, the Laird Technologies Logo, and other marks are trade marks or registered trade marks of Laird Technologies, Inc. or an affiliate company thereof. Other product or service names may be the property of third parties. Nothing herein provides a license under any Laird Technologies or any third party intellectual property rights.