

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China











Smart Technology. Delivered.

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's D-Puck is specifically designed to be embedded inside devices for aesthetically pleasing integration with high durability.

Laird's 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 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

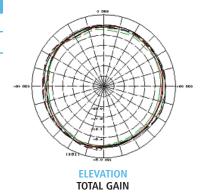
PARAMETER	SPECIFICATION	
Frequency range	2.4 - 2.5 GHz; 5.15 - 5.875 GHz	
Gain	>3 dBi; >4 dBi	
Impedance	50 ohms	
VSWR	<2.5:1	
Polarization	Vertical	
Weight	2 g	
Dimensions	16 x 16 x 6 mm	
Carrier material	Black color resins	

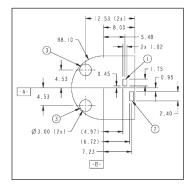
40 000				
AZIMUTH TOTAL GAIN				
IOIAL GAIN				

0.069

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.





FOOTPRINT

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

IAS-EUSales@lairdtech.com Asia: +86.21.5855.0827.127 IAS-AsiaSales@lairdtech.com

Europe: +44.1628.858941

www.lairdtech.com

Laird warrants to the original end user customer of its products that its products are free from defects in material and workmanship. Subject to conditions and limitations Laird will, at its option, either repair or replace any part of its products that prove defective by reason of improper workmanship or materials. This limited warranty is in force for the useful lifetime of the original end product into which the Laird product is installed. Useful lifetime of the original end product may vary but is not to exceed five (5) years from the original date of the end product purchase.



ANT-DS-D-PUCK 0915

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