

Internal Antenna - Surface Mount

Specifications

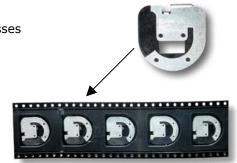
Model Number: **D-Puck WID2452**

Specifications:

Tape and reel packaging for high volume pick-and-place manufacturing processes

Planar Inverted F Antenna (PIFA) requires ground plane to radiate efficiently

- Flanai Inverted i Antenna (FIFA) requires ground plane to radiate emclently			
Frequency Ranges	2.4 - 2.5 GHz	5.15 - 5.875 GHz	
Gain	>3 dBi	>4 dBi	
Polarization	Linear		
Impedance	50 ohms		
VSWR	<2.5:1		
Dimensions (L x W x H)	16 x 16 x 6 mm		
Weight	2 g		
Carrier Material	Black color resin		



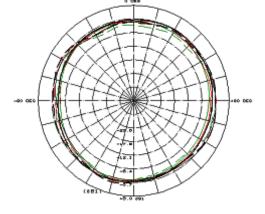
Connectors:

Model #	Part #	Description	Connector
WID2452	CAF94400	Tape and Reel	N/A
WID2452-SM	CAF94377	Eval PCBA	SMA-female Panel



Azimuth:

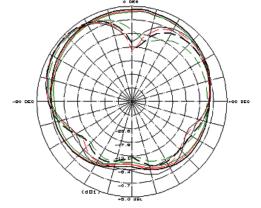
Total Gain



2X 1.02 R8.10 2 X 2X 5.40 -2.40 -2X 2.00 (6.72) (2)7.23 -В-

Elevation:

Total Gain



PCB FOOTPRINT LAYOUT SCALE 2

VSWR

- 1. Feed pad. Provide 50-ohm signal to pad. Isolate feed pad from ground as required to provide 50-ohm signal at top mounting surface. Matching network components (Pi or L type) will be required on the input feed line.
- Ground pad.

Specifications subject to change without notice.

D-Puck a - 5/7/04





3425 N.44th Street, LINCOLN, NE 68504 USA **SALES PHONE**: 800.228.4563

