



Laird's D-Puck antenna is a cost-effective, small-scale metal antenna designed for maximum durability. This vertically polarized antenna has a gain of >3 dBi at 2.4-2.5 GHz and >4 dBi at 5.15-5.875 GHz. The D-Puck is specifically designed to be embedded inside devices for aesthetically pleasing integration with high durability.

FEATURES AND BENEFITS

- Tape and reel packaging for high volume pick-and-place manufacturing
- RoHS Compliant (2011/65/EU)
- Planar Inverted F Antenna (PIFA) requires ground plane to radiate efficiently

ELECTRICAL SPECIFICATIONS

Operating Frequency (MHz)	2400-2500	5150-5875
Gain (dBi)	>3	>4
Impedance (ohms)	50	
VSWR	<2.5:1	
Polarization	Vertical	

MECHANICAL SPECIFICATIONS

Dimensions (diameter x height) – mm (in.)	16.0 x 16.0 x 6.0 (0.63 x 0.63 x 0.24)
Weight – g (oz.)	2 (0.07)
Carrier Material	Black color, resins

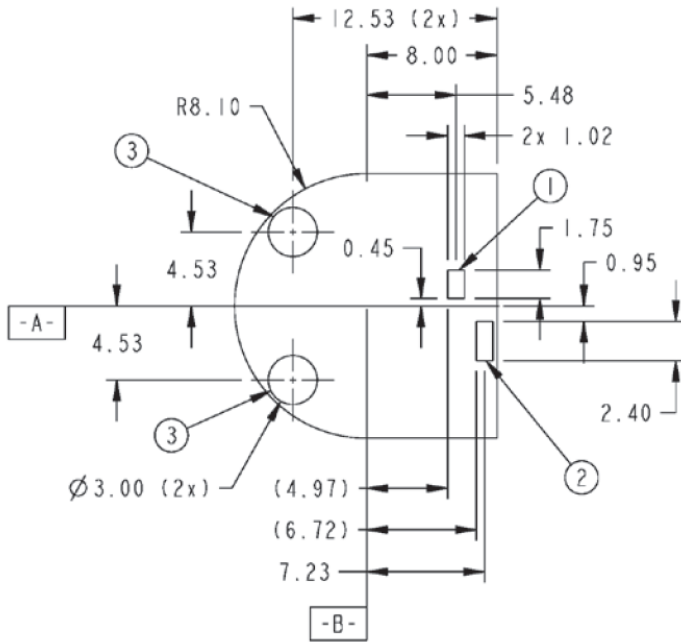
ENVIRONMENTAL SPECIFICATIONS

Hazardous Materials Compliance	RoHS compliant (2011/65/EU)
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CONFIGURATION

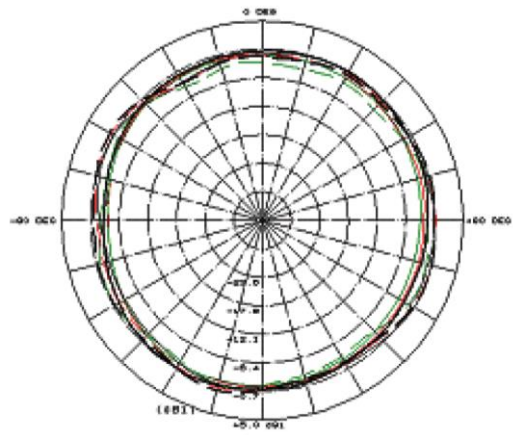
PART NUMBER	DESCRIPTION	CONNECTOR	PACKAGING
MAF94192	D-Puck Antenna	Surface Mount	Tape and Reel
CAF94377	D-Puck Antenna on Evaluation Board	SMA-Female Panel	Single

MECHANICAL DRAWING

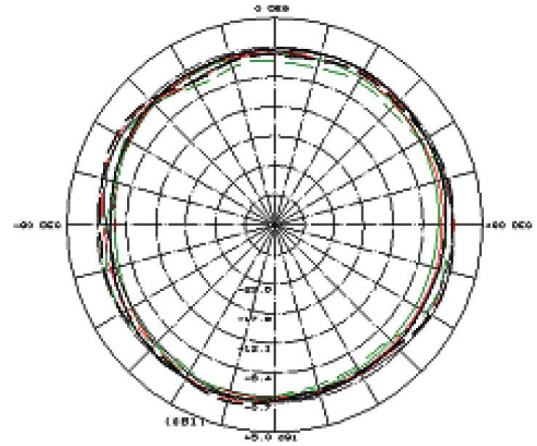


RADIATION PATTERNS

Azimuth (Total Gain)



Elevation (Total Gain)



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