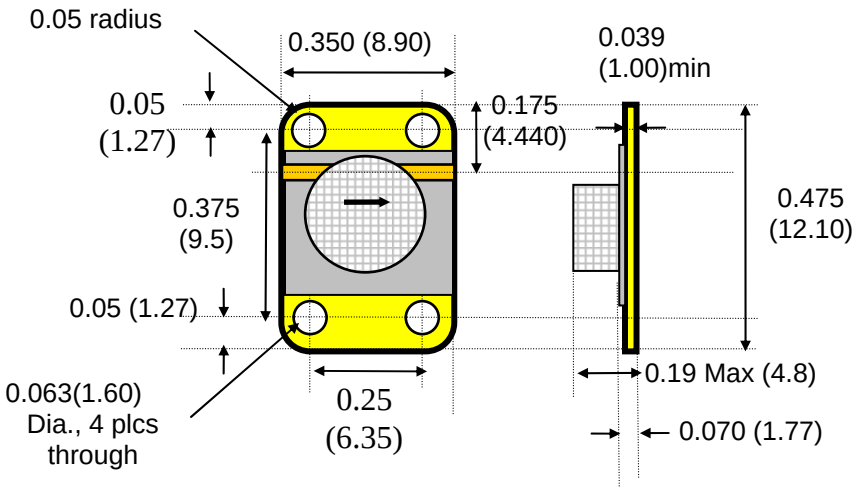
RADITEK INC.

RoHS COMPLIANT

Isolator, Microstrip 13.7-18.2 GHz, Split Bands

MS, 2 Watts



Tolerance Table Metric (inch)
(unless otherwise stated):
Hole diameter +/- 0.1mm, (+/- 0.004")
Dimensions (w*l*h) +/- 0.3 mm, (+/- 0.015")
Dimensions (Microstrip pad,
+/- 0.1mm, (+/- 0.04")
Dimensions (hole position) +/- 0.1mm, (+/- 0.04")
Machined surfaces
Flatness 0.025/mm, (0.001/ inch)
Bend radius 0.8mm, (0.031" or 1/32")

Units: Inch (mm)
Not to scale

Direction of RF:	
R	Default ▶
L	◀

Order Examples: RADI-13.7-14.7-MS-2WR
I=ISOLATOR / C=CIRCULATOR

Specifications:		Units
Frequency	13.7-14.7 16.62-17.71 17.2 to 18.2	GHz BW=1000 MHz GHz BW=109 MHz GHz BW=1000MHz
Insertion loss	0.65	dB (maximum)
Isolation	20	dB (minimum)
VSWR	1.25:1 max. (20 dB R.Loss)	All ports
Rated power	2 (forward and reflected)	Watts (average)
Operating temperature Storage temperature	-10 to 70 -40 to 85	oC oC
Material	Nickel plated steel carrier	
Metalization	Thin film Gold on Copper	Suitable for solder or thermo-compression bond

WORLD HQ: 1702L Meridian Ave. Suite 127, San Jose, Ca 95125, U.S.A.
Tel: (408) 266-7404 FAX: (408) 266-4483
WEB: www.raditek.com E-mail: sales@raditek.com