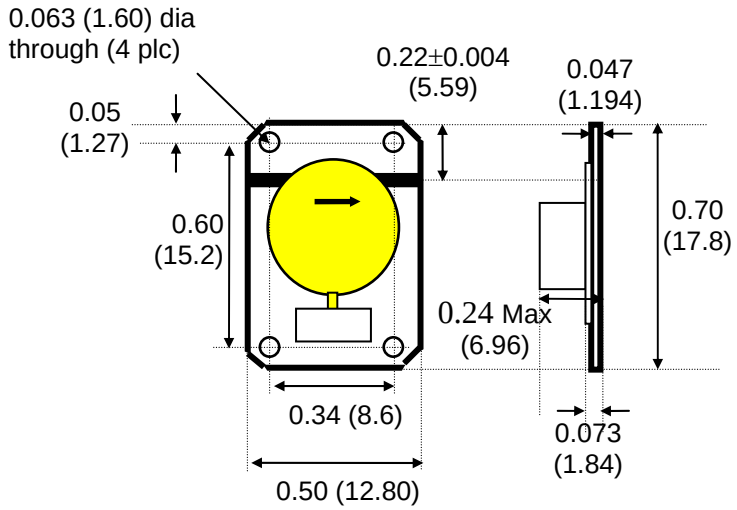
RADITEK INC.

RoHS COMPLIANT

Microstrip Isolators, 5.8 - 8.5 GHz, Split Bands

2-3 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-5.8-7.2-MS-2WR
I=ISOLATOR

Specifications:		Units
Frequency	5.8 to 7.2 6.2 to 7.2 7.8 to 8.5	**GHz BW=1400MHz (24.1%)** **GHz BW=1000MHz (14.9%)** **GHz BW=700MHz (9.0 %)**
Insertion loss	0.5	**dB (maximum)**
Isolation	20 19	**dB (minimum)** **For RADI-5.8-7.2 only**
VSWR	1.22:1 max. 1.30:1 max.	**All ports** **For RADI-5.8-7.2 only**
Rated power (forward and reflected)	2, 3	**Watts (average)**
Operating temperature **Storage temperature**	-10 to 70 -40 to 85	**^{o}C** **^{o}C**
Material	Nickel plated steel carrier	
Metalization	Thin film, (100µm Gold on Nickel/silver	**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