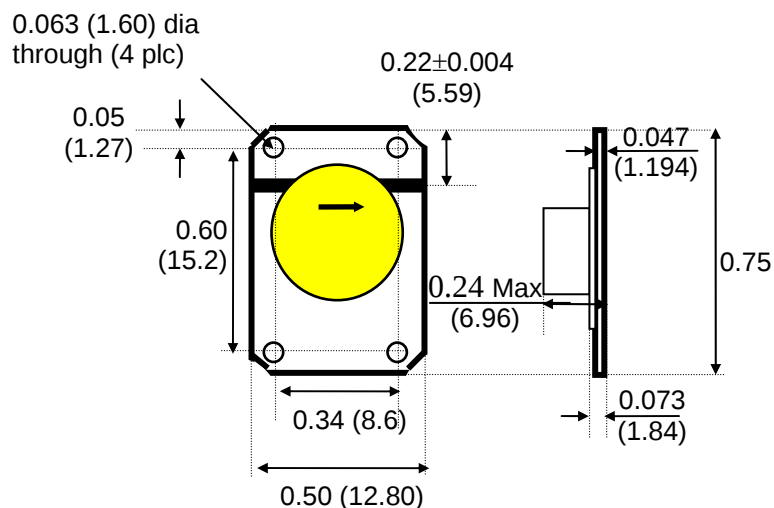


Microstrip Isolator, 7.8-8.5 GHz 10 Watts, 0.5" Wide



Units: Inch(mm)
Not to scale

Direction of RF:	
R	Default →
L	←

Order Examples: **RADI-7.8-8.5-MS-10R-05"** wide
I=ISOLATOR

Tolerance Table Metric (inch)

(unless otherwise stated):

Hole diameter +/- 0.1mm, (+/- 0.004")

Dimensions (w*t*h) +/- 0.3 mm, (+/- 0.015")

Dimensions (Microstrip pad, Stripline Tab,
+/- 0.1mm, (+/- 0.04")

Dimensions (hole position) +/- 0.1mm, (+/- 0.04")

Machined surfaces

Flatness 0.025mm, (0.001/ inch)

Bend radius 0.8mm, (0.031" or 1/32")

Specifications:		Units
Frequency	7.8 to 8.5	GHz BW=700MHz (9.0 %)
Insertion loss	0.5	dB (maximum)
Isolation	20	dB (minimum)
VSWR	1.22:1 max.	All ports, (20dB RL)
Rated power	0.25 (forward and reflected)	Watts (average)
Operating temperature	-10 to 70	°C
Storage temperature	-40 to +85	°C
Material	Nickel plated steel carrier	
Metalization	Thin film, (100µm Gold on Nickel/silver)	Suitable for solder or thermo-compression bond