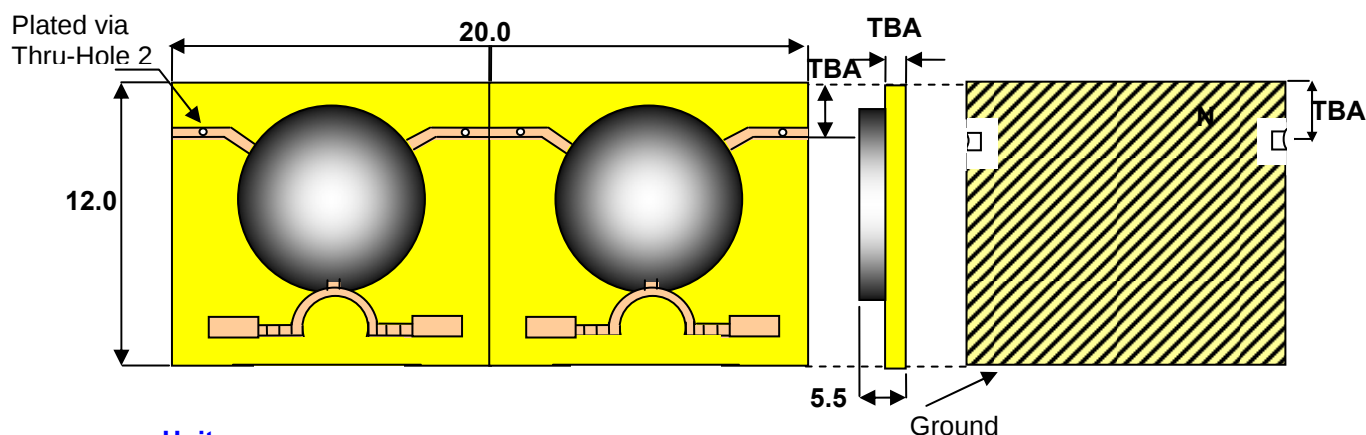


Microstrip Substrate Isolator, 5.150-5.725GHz Dual Junction, 0.2 Watts, Surface Mount



Units: mm
Not to scale

Direction of RF:	
R	Default →
L	←

Order Examples: RADII-5.150-5.725-MSS-0.2WR-S-b
I=ISOLATOR

Tolerance Table Metric (inch)

(unless otherwise stated):

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

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

Machined surfaces

Flatness 0.025/mm, (0.001/ inch)

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

Specifications		Units
Frequency	5.150-5.725	GHz
Insertion Loss	1.1	dB
Isolation	40	dB
VSWR	1.30:1	
Power Forward	2	Watts
Power Reverse	0.2	Watts
Operating Temp.	-20 to +50	°C
Storage Temp.	-40 to +85	°C
Humidity	5 to 95% non-condensing	

There must be a ground plane with 100% solder connection, under the part