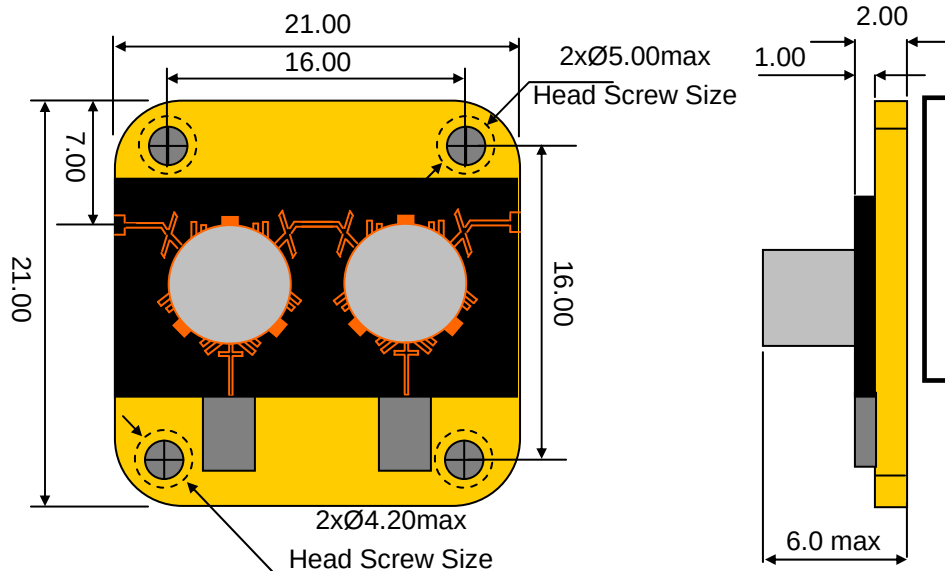


Dual Junction Microstrip Isolator - Isolator, 5-6GHz, 20Watts



Tolerance Table Metric (inch)

(unless otherwise stated):

Hole diameter $\pm 0.1\text{mm}$, ($\pm 0.004''$)
 Dimensions (w*h) $\pm 0.3\text{ mm}$, ($\pm 0.015''$)
 Dimensions (Microstrip pad, Stripline Tab,
 $\pm 0.1\text{mm}$, ($\pm 0.04''$)
 Dimensions (hole position) $\pm 0.1\text{mm}$, ($\pm 0.04''$)

Machined surfaces

Flatness 0.025mm , ($0.001''$ inch)
 Bend radius 0.8mm , ($0.031''$ or $1/32''$)

Units: mm
Not to scale

Direction of RF:

R	Default	▶
L		◀

Order Examples: **RAII-5-6-MSDJ-20WR-e**
I=ISOLATOR

Specifications		Units
Frequency	5-6	GHz
Insertion Loss	1.0	dB
Isolation	33	dB
VSWR	1.3:1	
Power Forward	20	Watts
Power Reverse	20	Watts
Operating Temp.	-40 to +70	°C
Non Operating Temp.	-40 to +85	°C (max)

Notes:

- 1) Clockwise Direction.
- 2) Do not heat above 130°C
- 3) RoHS Compliant.
- 4) Load and Tuning conductor (97In3Ag) , Optional location and configuration determined by vendor.
- 5) Humidity 5 to 95% non-condensing.
- 6) Max temperature during welding process:
 $+350^{\circ}\text{C}$ @ 25 msec. Pin contacts, Suitable for 3x1mils and 15x0.5mils gold ribbon.