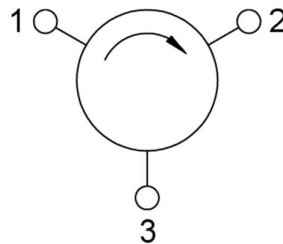


Description:

- RF Circulator
- Frequency Range: 2400MHz - 2500MHz
- Direction: Clockwise (CCW)
- BeO free
- RoHS compliant
- Packaging: Tape & Reel
- Designed for RF Energy applications



Block Diagram:



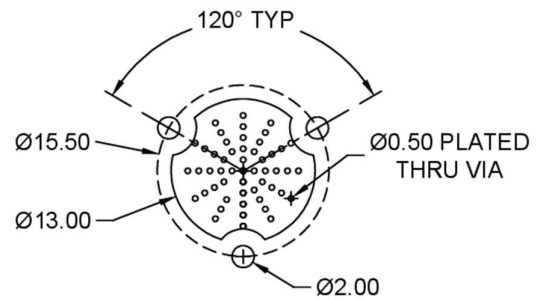
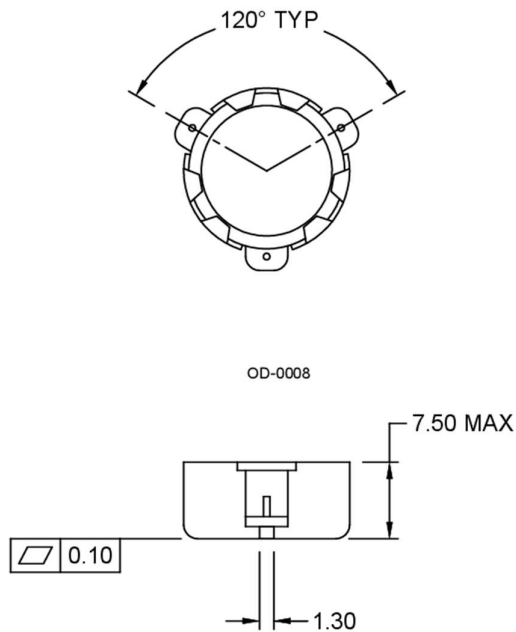
Specifications:

Parameter	Test Conditions	Min	Typ	Max	Units
Frequency Range		2400		2500	MHz
Operating Temperature Range		+25		+85	°C
Storage Temperature Range		-55		155	°C
Input Power	Continuous wave input			300	W
Total Power Handling	Input power + reflected power			600	W
Insertion Loss				0.20	dB
Return Loss		23			dB
Isolation		23			dB

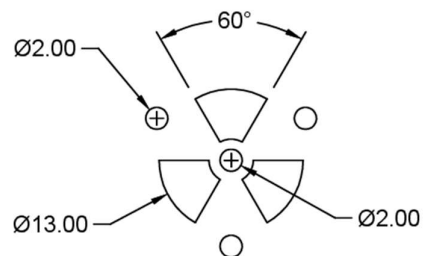
Notes:

1. All specifications apply over the operating temperature range unless otherwise stated.
2. Test fixture PCB is Rogers 4350B, 0.5mm thick.

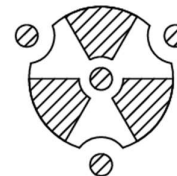
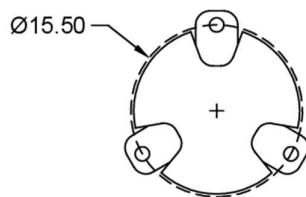
Unit Dimensions:



COPPER LAYER



SOLDER MASK LAYER



RECOMMENDED FOOTPRINT

Notes:

1. All dimensions in mm unless otherwise stated.
2. Tolerance is ± 0.20 mm unless otherwise stated.
3. Coplanarity specification: 0.10mm maximum.
4. Soldering surfaces are Silver (Ag) plated.
5. Unit is RoHS compliant.