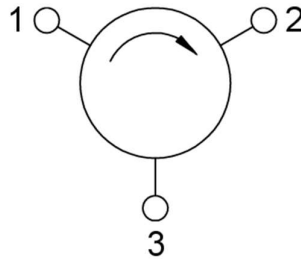


Description:

- RF Circulator
- Frequency Range: 4400MHz - 5000MHz
- Direction: Clockwise (CW)
- BeO free
- RoHS compliant
- Packaging: Tape & Reel



Block Diagram:



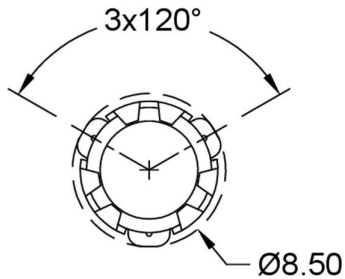
Specifications:

Parameter	Test Conditions	Min	Typ	Max	Units
Frequency Range		4400		5000	MHz
Operating Temperature Range		-40		110	°C
Storage Temperature Range		-55		155	°C
Average Power				20	W
Peak Power				100	W
Insertion Loss				0.40	dB
Return Loss		18			dB
Isolation		18			dB
Intermodulation Distortion (IMD)	2 x 10W CW tones, 5MHz spacing			-55	dBc

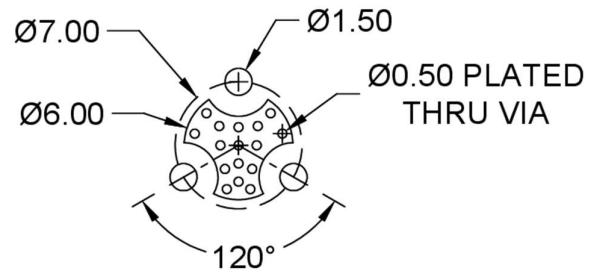
Notes:

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

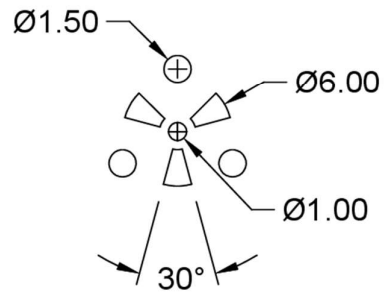
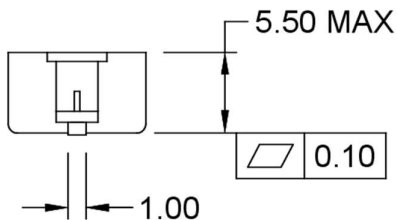
Unit Dimensions:



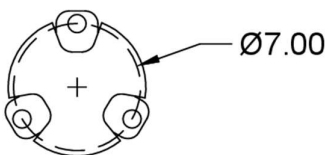
OD-0023



COPPER LAYER



SOLDERMASK LAYER



RECOMMENDED FOOTPRINT

Notes:

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