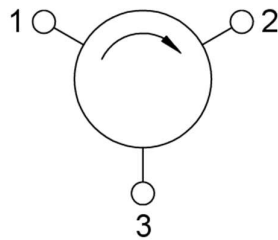


Description:

- RF Circulator
- Frequency Range: 5150MHz - 5925MHz
- Direction: CW Clockwise
- BeO free
- RoHS compliant
- Packaging: Tape & Reel



Block Diagram:



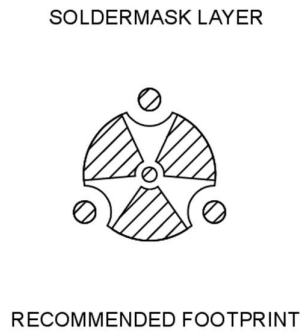
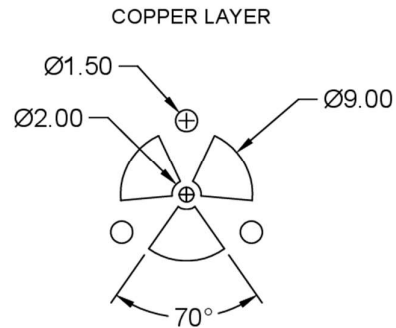
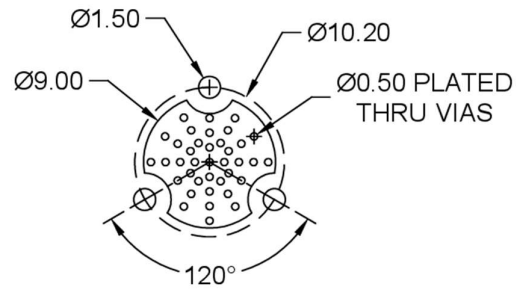
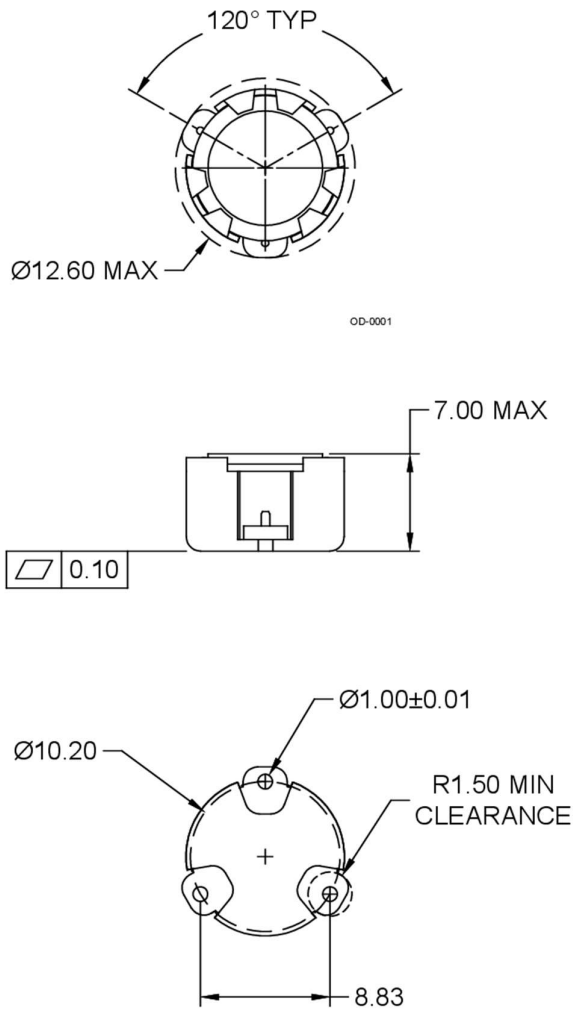
Specifications:

Parameter	Test Conditions	Min	Typ	Max	Units
Frequency Range		5150		5925	MHz
Operating Temperature Range		-40		110	°C
Storage Temperature Range		-55		155	°C
Average Power				40	W
Peak Power				150	W
Insertion Loss				0.30	dB
Return Loss		20			dB
Isolation		20			dB
Intermodulation Distortion (IMD)	2 x 10W CW tones, 5MHz spacing			-60	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:



Notes:

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