

Data Sheet for COAXIAL CIRCULATOR L Band 1200 – 1400 MHz

Part number: BD3037-00

Catalogue

DESCRIPTION

- Coaxial circulator
- High power capability
- Application : ground and navy RADAR

SIZE

- 50.8 X50.3 X32 mm(see ICD next page)
- 3*N Female connectors (other N Male connectors may be integrated
- Body : Nickel plating
- Fixations: 3 or 4 fixation holes : see drawing next page

MAXIMUM RATINGS

PARAMETER	Unit	MIN	MAX
Forward Power : CW(1)	Watt		300
Forward Power : peak power , 250 microsec, 10 % , 40 ms: (1)	Watt		3000
Operating temperature range	°C	0	55
Storage temperature range	°C	-40	+85

Note 1 : Peak power and CW Power shall be withstand the circulator with a VSWR present at its inputs of 1.25:1 any phase

ELECTRICAL SPECIFICATIONS @ OPERATING TEMPERATURE RANGE

PARAMETER	Unit	MIN	Typical	MAX
Use full frequency range	MHz	1200		1400
Return loss at all ports	dB	18	20	
Isolation	dB	20	23	
Insertion Loss	dB		0.2	0.4

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