High Isolation Coaxial Isolator 13-15GHz

- High Isolation to 40dB
- Wide band operation
- Low Insertion loss
- Low temperature coefficient ferrite material offer stable performance over temperature
- Aerospace and military application
- LMDS multi-carrier operation
- High peak to average handle capability
- All specifications can be modified upon request

RoHS Compliant

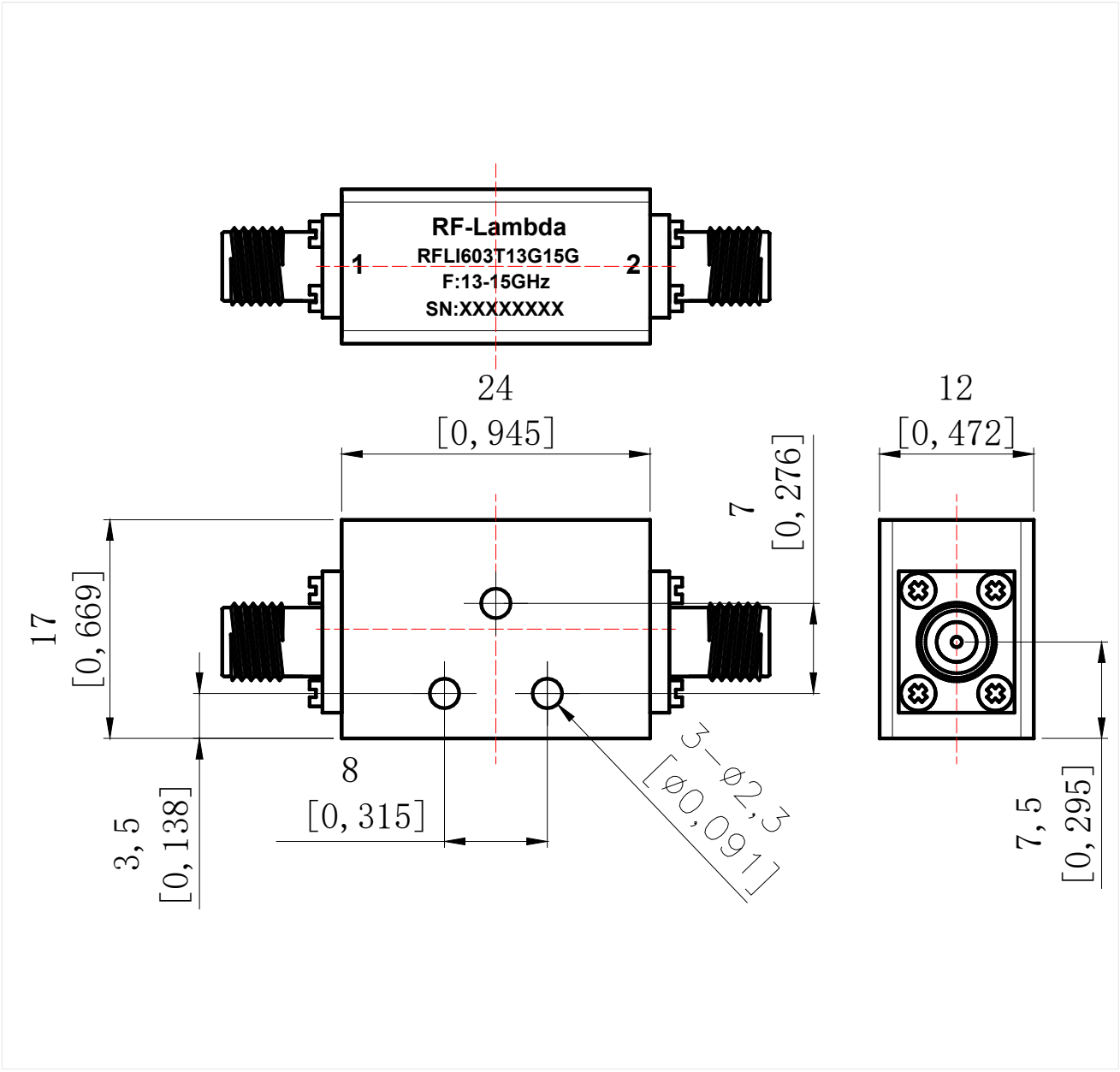
Parameter	Min	Type	Max	Units
Frequency Range		13-15		GHz
Insertion Loss		0.90	1.0	dB
Isolation	40	42		dB
VSWR		1.20	1.25	:1
Forward Power (CW)			10	W
Reverse Power (CW)			1	W
Rotation	Clockwise (Standard) Counter Clockwise (upon request)			
Input /Output Connector	SMA-Female			
Finishing	Nickel Plated			
Case Material	Aluminum alloy			
Operational Temp.	-40		70	°C
Storage Temp.	-45		85	°C
Altitude				ft.
Weight				g
Impedance	50			Ω
Vibration	10g 15 degree 2KHz			RMS
Humidity	100% RH at 35c, 95%RH at 40°C			
Shock	20G for 11msc.			

Note 1: Unit has narrow frequency bandwidth can achieve higher isolation & low insertion loss
Bandwidth (5 ~10) % x Center Frequency (Isolation >46dB)
Bandwidth (20~30) % x Center Frequency (Isolation >43dB)
Bandwidth (40~60) % x Center Frequency (Isolation >41dB)
Ask manufacture for detail

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Outline Drawing:

All Dimensions in mm（inches）Tolerance ±0.25（0.01）



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