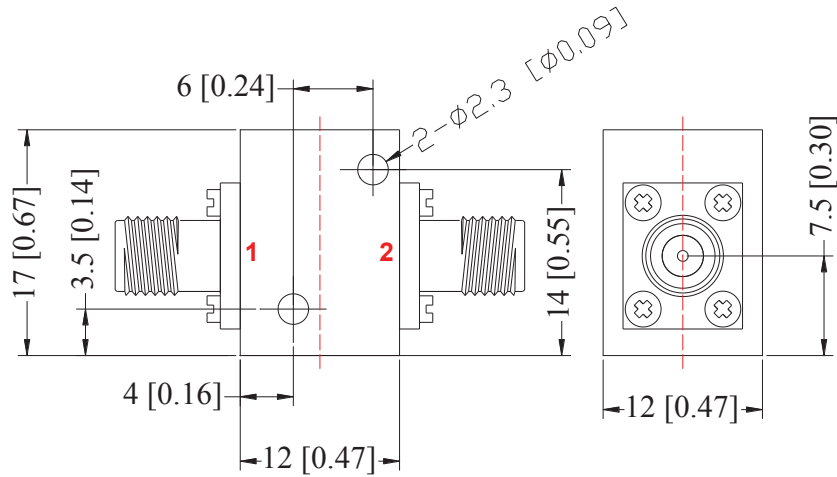


Coaxial Isolator 7.75GHz -8.55GHz



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

Parameter	Min	Type	Max	Units
Frequency Range	7.75-8.55			GHz
Insertion Loss		0.40	0.50	dB
Isolation (Note 1)	20	21		dB
VSWR		1.15	1.20	: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	Aluminium Alloy			
Operational Temp.	-40		70	°C
Storage Temp.	-45		85	°C
Altitude				ft.
Weight				ounces
Impedance	50			Ω
Vibration	10g 15 degree 2KHz			RMS
Humidity	100% RH at 35c, 95%RH at 40°C			
Shock	20G for 11msec.			

Environment specifications

Operational Temperature	-40°C~+70°C
Storage Temperature	-45°C~+85°C
Altitude	30,000 ft. (Epoxy Seal Controlled environment)
(Optional)	60,000 ft 1.0psi min (Hermetically Seal Un -controlled environment)
Vibration	25g rms (15 degree 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35c, 95%RH at 40°C
Shock	20G for 11msec half sin wave, 3 axis both directions