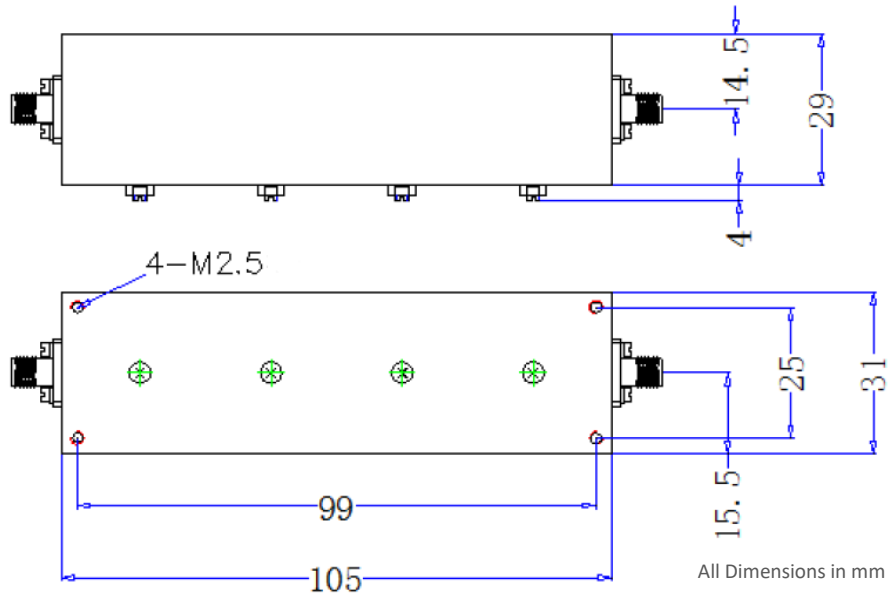


Coaxial Cavity Band Pass Filter

1.15-1.25 GHz

- High Rejection
- Low Insertion Loss
- Excellent Temperature Stability



RF Parameters		
Frequency Range	1.15—1.25 GHz	
Pass Band Ripple	0.3 dB Max.	
Insertion Loss	0.5 dB Max.	
VSWR	1.3:1 Max.	
Rejection	@DC-800 MHz	50 dB Min.
	@1500-2500 MHz	50 dB Min.
Power Rating	Average	50 W
	Peak	300 W
Impedance	50 Ω	
Input / Output Connectors	SMA Female	

Environmental	
Operating Temperature	-45°C to +85°C
Storage Temperature	-55°C to +125°C
Altitude	30,000 feet (Epoxy Sealed Controlled Environment)
Vibration	25g RMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35°C, 95% RH at 40°C
Shock	20g for 11msec half sine wave, 3 axis both directions

Note 1: The specification provided is at nominal bias voltage and at 25°C unless otherwise specified

Note 2: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.

Note 3: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.

