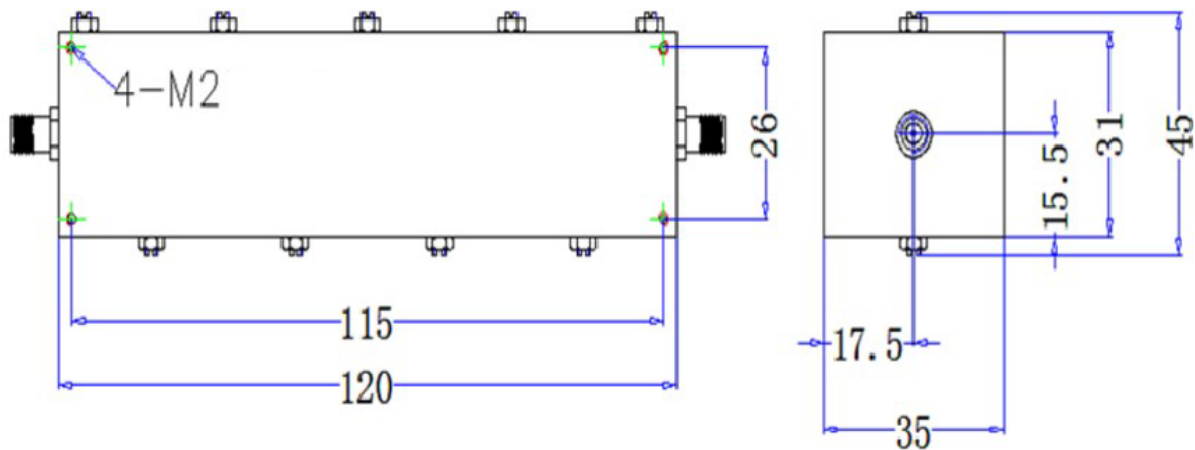


# Bandpass Filter

1.65—3.15GHz

- High Rejection
- Low Insertion Loss
- Excellent Temperature Stability
- Miniaturisation



## RF Parameters

Frequency Range	1.65—3.15GHz
Insertion Loss	3.0dB
VSWR	1.5:1
3dB Bandwidth	1500MHz±10MHz dB
60dB Bandwidth	3800MHz±10MHz dB
80dB Bandwidth	4800MHz±10MHz dB
Group delay	5ns
Power Handling	10W
Impedance	50 Ohms
Input / Output Connectors	SMA Female

## Environmental

Operating Temperature	-10°C to +50°C
Storage Temperature	-45°C to +85°C
Altitude	30,000 Feet Max.
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.

