



Electrical specifications

Center Frequency: 280 MHz
Bandwidth: 80 MHz
Input / Output Impedance: 50 Ohms
Passband: 240-320 MHz
Passband Insertion Loss: <1.5dB
Rejection: 220 MHz @ 60 dB
Rejection 2: 350 MHz @ 60 dB
Power Handling: 50 W

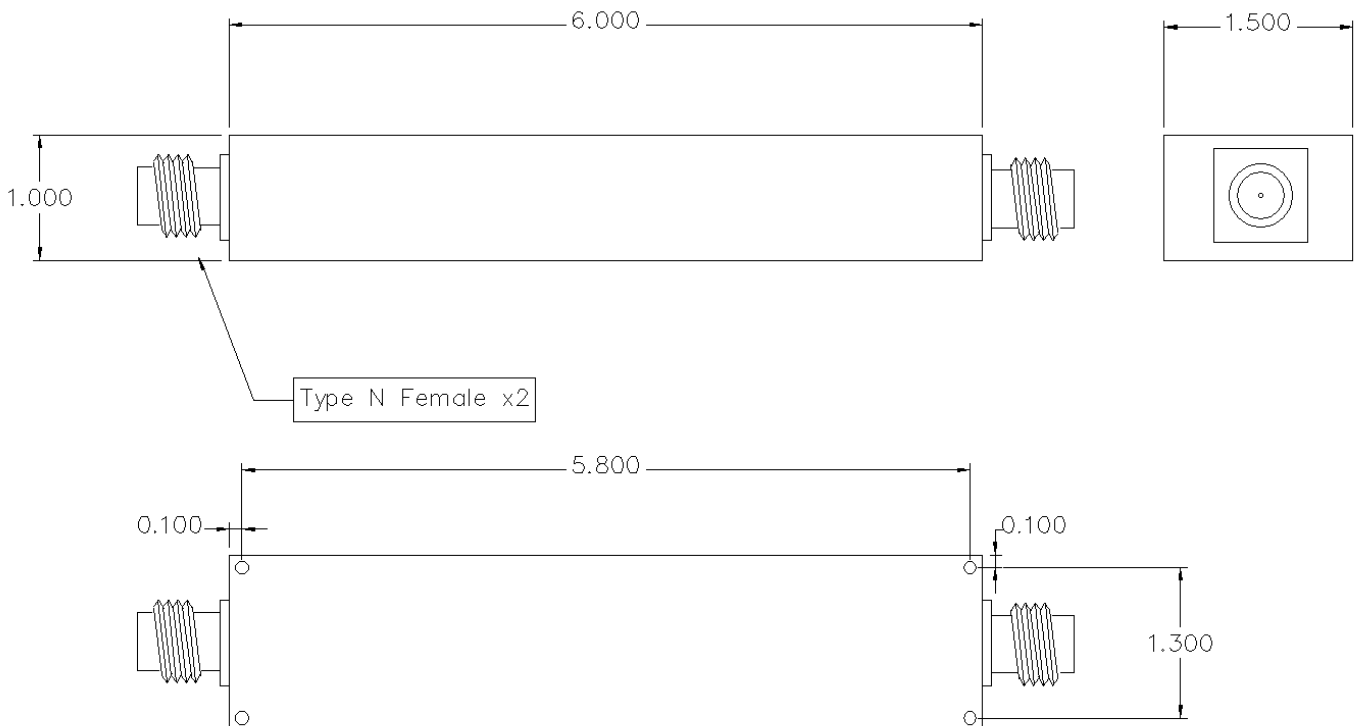
Mechanical

Dimensions: 6 x 1 x 1 inches
Connector Type: N-Type (F)

Environmental

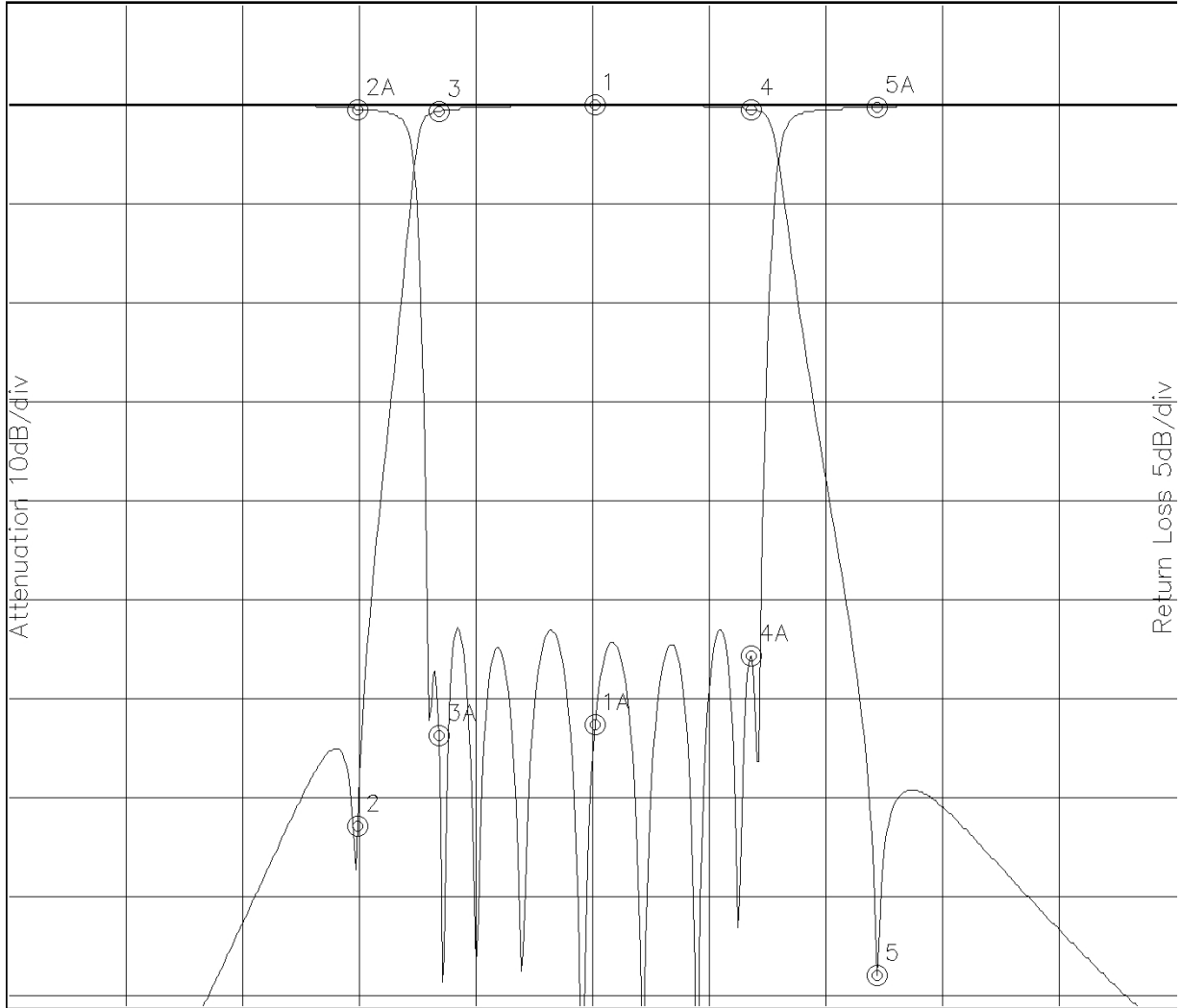
Operating Temperature: -45 to +85 deg. C
Storage temperature: -65 to +95 deg. C
Shock: 20 G's, ½ sine, 11ms
Vibration: 10 G's, 10-2000Hz
Relative Humidity: 0-95%

Outline Drawing:





Response Plot:



Attenuation Start: 130.0MHz Stop: 430.0MHz

Return Loss Start: 130.0MHz Stop: 430.0MHz

Offset -0.4347dB

Marker 1 Freq 280.24MHz Atten -0.023dB
 Marker 2 Freq 219.17MHz Atten -72.616dB
 Marker 3 Freq 240.01MHz Atten -0.592dB
 Marker 4 Freq 320.46MHz Atten -0.403dB
 Marker 5 Freq 352.94MHz Atten -87.505dB

Marker 1A Freq 280.24MHz Ret Loss -31.154dB
 Marker 2A Freq 219.17MHz Ret Loss -0.171dB
 Marker 3A Freq 240.01MHz Ret Loss -31.754dB
 Marker 4A Freq 320.46MHz Ret Loss -27.712dB
 Marker 5A Freq 352.94MHz Ret Loss -0.105dB