



20 MHz Bandpass Filter

Part Number: AE20B10904



Electrical specifications

Center Frequency: 20 MHz
3dB Band Width: 0.8 MHz Min
Insertion Loss: 5 dB Max, 4dB Typical
Return Loss @ Fo: 15 dB Min
Input / Output Impedance: 50 Ohms
Passband Ripple: 0 dB Typical
@ 22 MHz: 25 dB Min
@ +8 MHz: 30 dB Min
Ultimate Attenuation: 60 dBc
Power Handling: 0 dBm Max

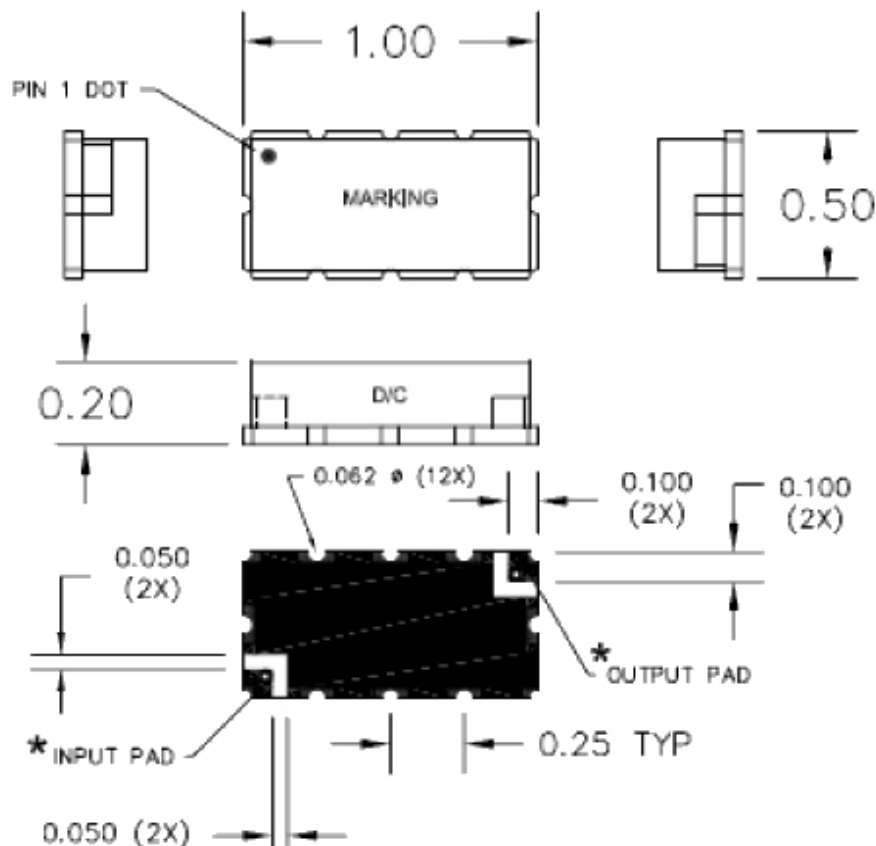
Mechanical

Dimensions: 1 x 0.5 x 0.2 inches

Environmental

Operating Temperature: -45 to +85 deg.C
Storage temperature: -65 to +95 deg.C
Shock: 20 G's, 1/2 sine, 11ms
Vibration: 10 G's, 10-2000Hz
Relative Humidity: 0-95%

Outline Drawing:



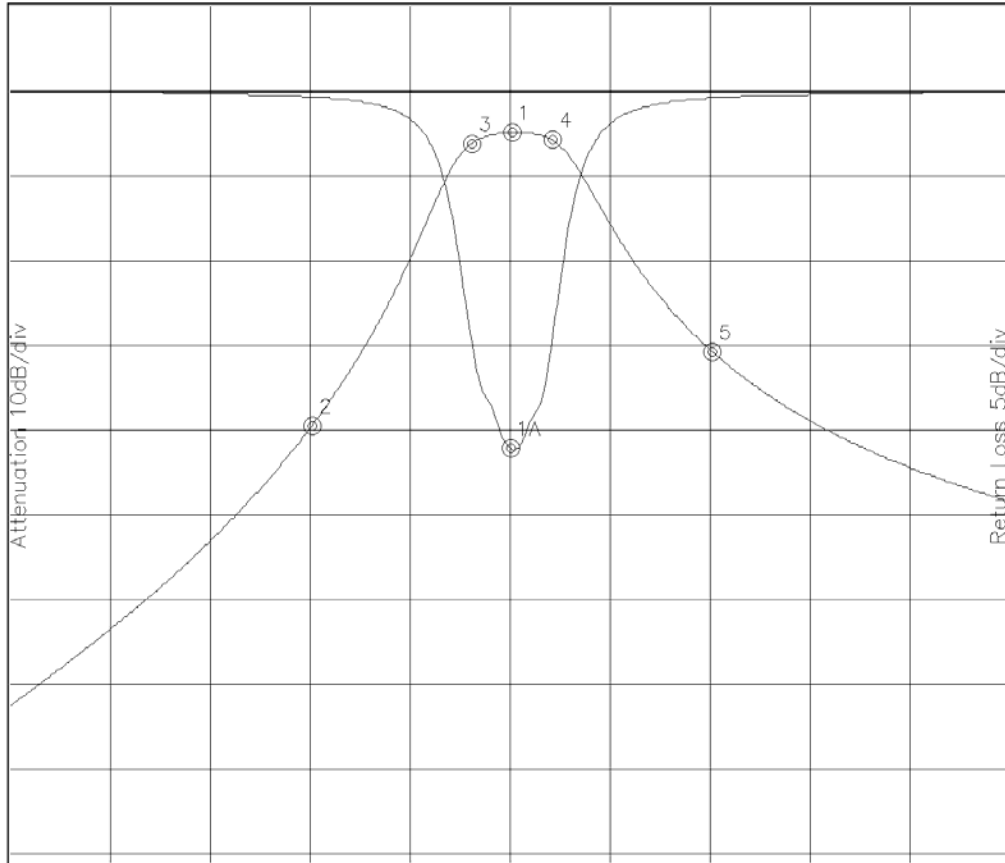


Response Plot:

A264.lad

AUG 28, 2011

Attenuation/Return Loss



Attenuation Start: 15.0MHz Stop: 25.0MHz

Return Loss Start: 15.0MHz Stop: 25.0MHz

Marker 1 Freq 20.008MHz Atten -4.711dB
Marker 2 Freq 18.005MHz Atten -39.252dB
Marker 3 Freq 19.604MHz Atten -6.050dB
Marker 4 Freq 20.412MHz Atten -5.711dB
Marker 5 Freq 22.011MHz Atten -30.564dB

Marker 1A Freq 19.992MHz Ret Loss -20.989dB