



### 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

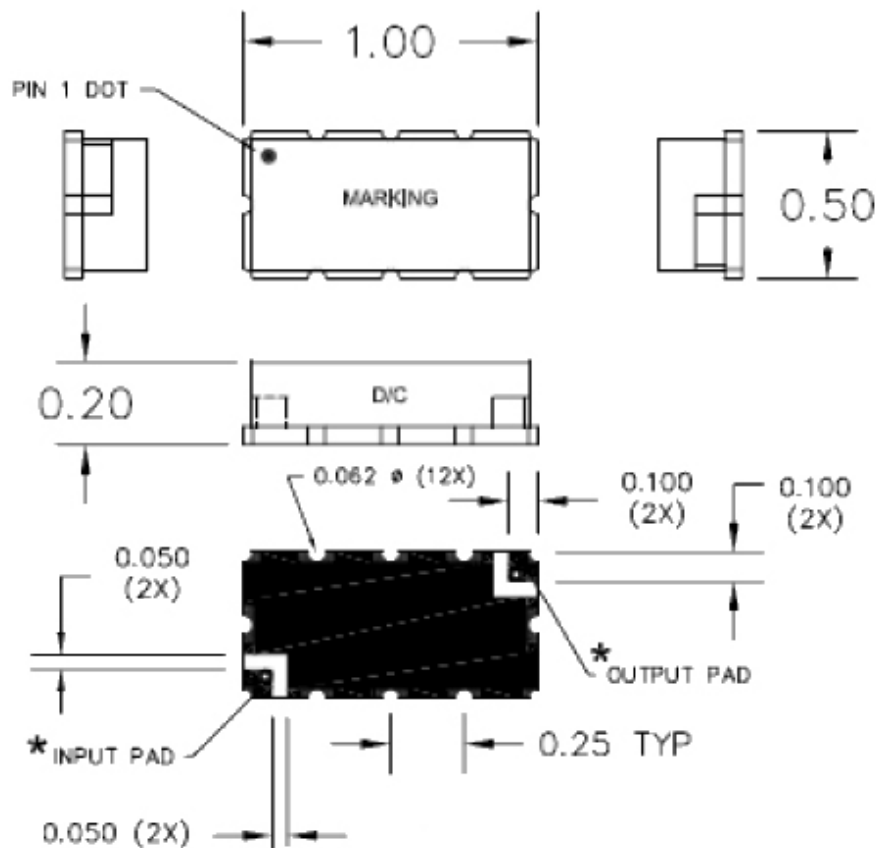
### Mechanical

**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, ½ sine, 11ms  
**Vibration:** 10 G's, 10-2000Hz  
**Relative Humidity:** 0-95%

### Outline Drawing:



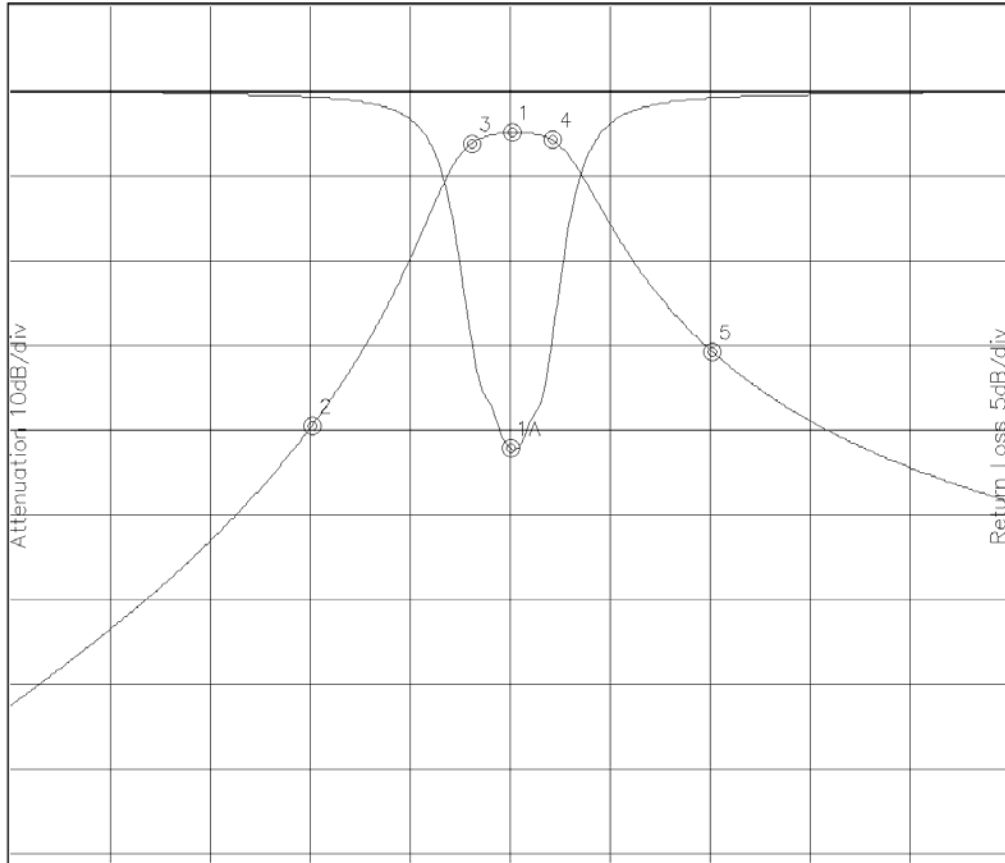


### Response Plot:

A264.lad

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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