



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

480 MHz LC Band Pass Filter

Part Number: AE480B11271



Electrical Specifications

Center Frequency: 480 MHz
-3dB Pass Band: 467-493 MHz Min
-50dB Bandwidth: 120 MHz Max
Insertion Loss: 5.0 dB Max at 480 MHz
In/Out VSWR: 1.25:1 Max at 480 MHz
Stopbands: >60 dB @ 240 MHz
 >60 dB @ 420 MHz

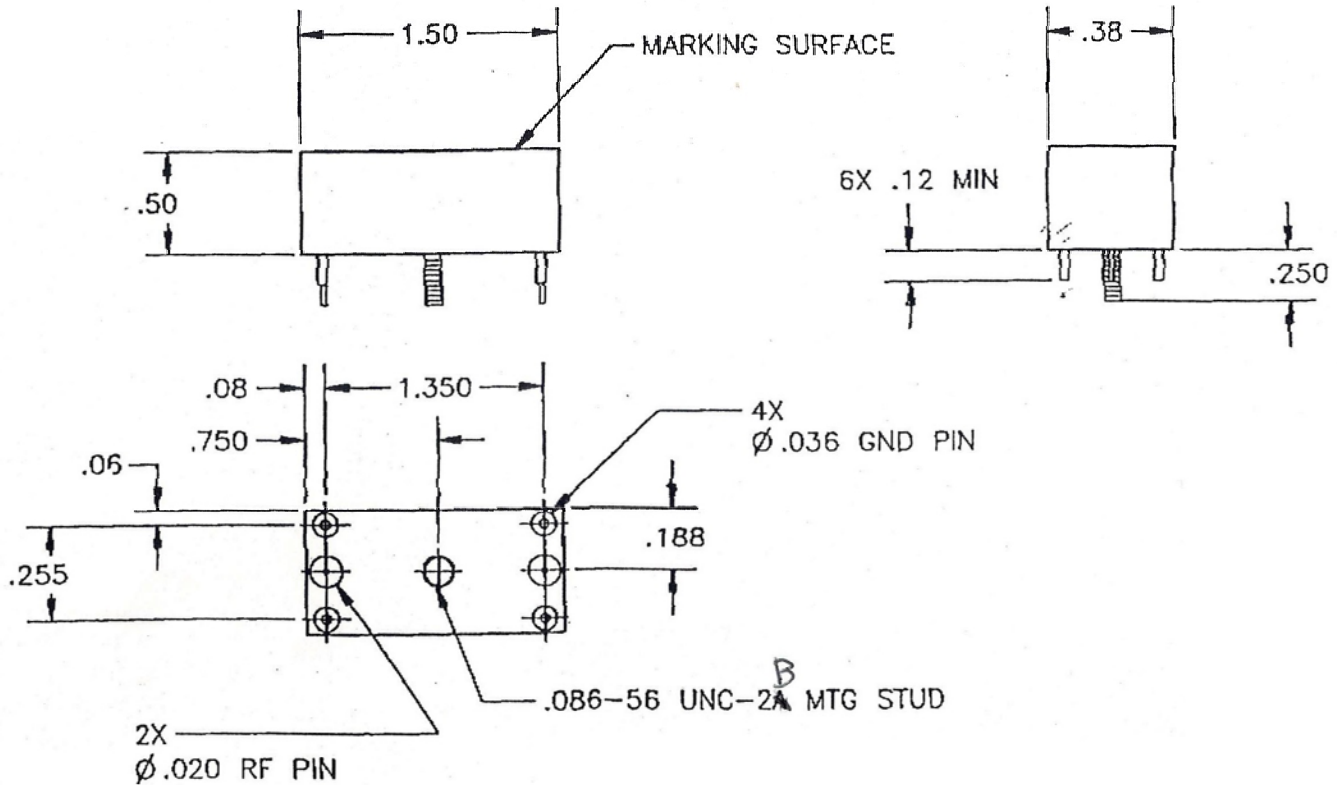
Mechanical

Connector Type: RF Pins
Dimensions: 1.50 x 0.38 x 0.50 Inches

Environmental

Operating Temperature: -30 to +85° C
Storage Temperature: -40 to +95° C
Shock: 20 G. 11 ms
Vibration: 20 G. 5 to 200 MHz

Outline Drawing:



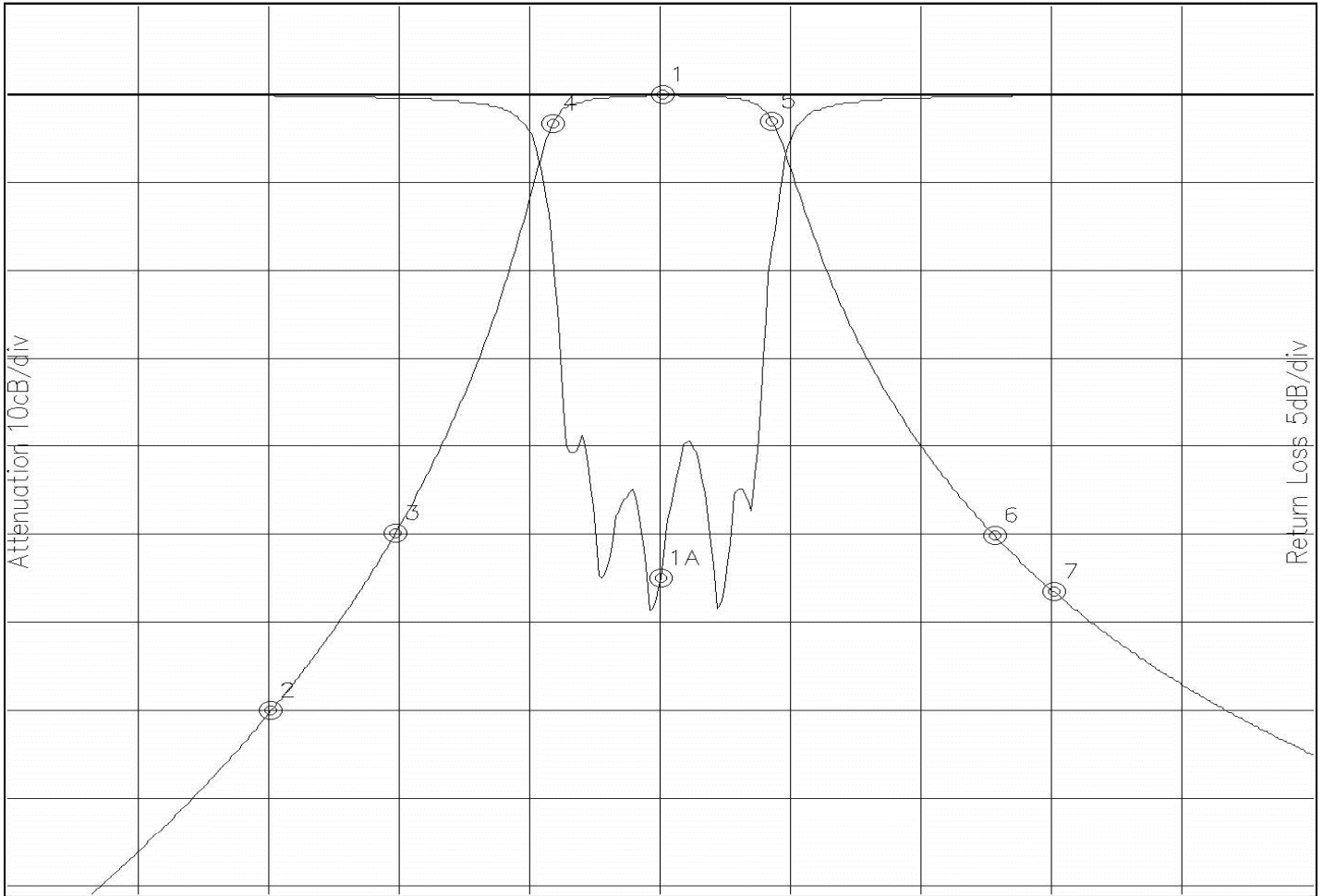


Response Plot:

A509.lad

DEC 10, 2015

Attenuation/Return Loss



Attenuation Start: 380.0MHz Stop: 580.0MHz

Return Loss Start: 380.0MHz Stop: 580.0MHz

Offset -1.7391dB

- Marker 1 Freq 480.16MHz Atten -0.085dB
- Marker 2 Freq 420.06MHz Atten -69.873dB
- Marker 3 Freq 439.12MHz Atten -49.822dB
- Marker 4 Freq 463.36MHz Atten -3.221dB
- Marker 5 Freq 496.96MHz Atten -2.986dB
- Marker 6 Freq 531.21MHz Atten -50.080dB
- Marker 7 Freq 540.25MHz Atten -56.402dB

Marker 1A Freq 479.83MHz Ret Loss -27.394dB