



### Electrical Specifications

**Center Frequency:** 495 MHz  
**3 dB Bandwidth:** 10 MHz  
**Passband:** 490-500 MHz  
**Insertion Loss:** 7.0 dB Max @ 495 MHz  
**VSWR:** 1.25:1 Max  
**Stopbands:** 75 dB @ 420 MHz  
 40 dB @ 49 MHz Max

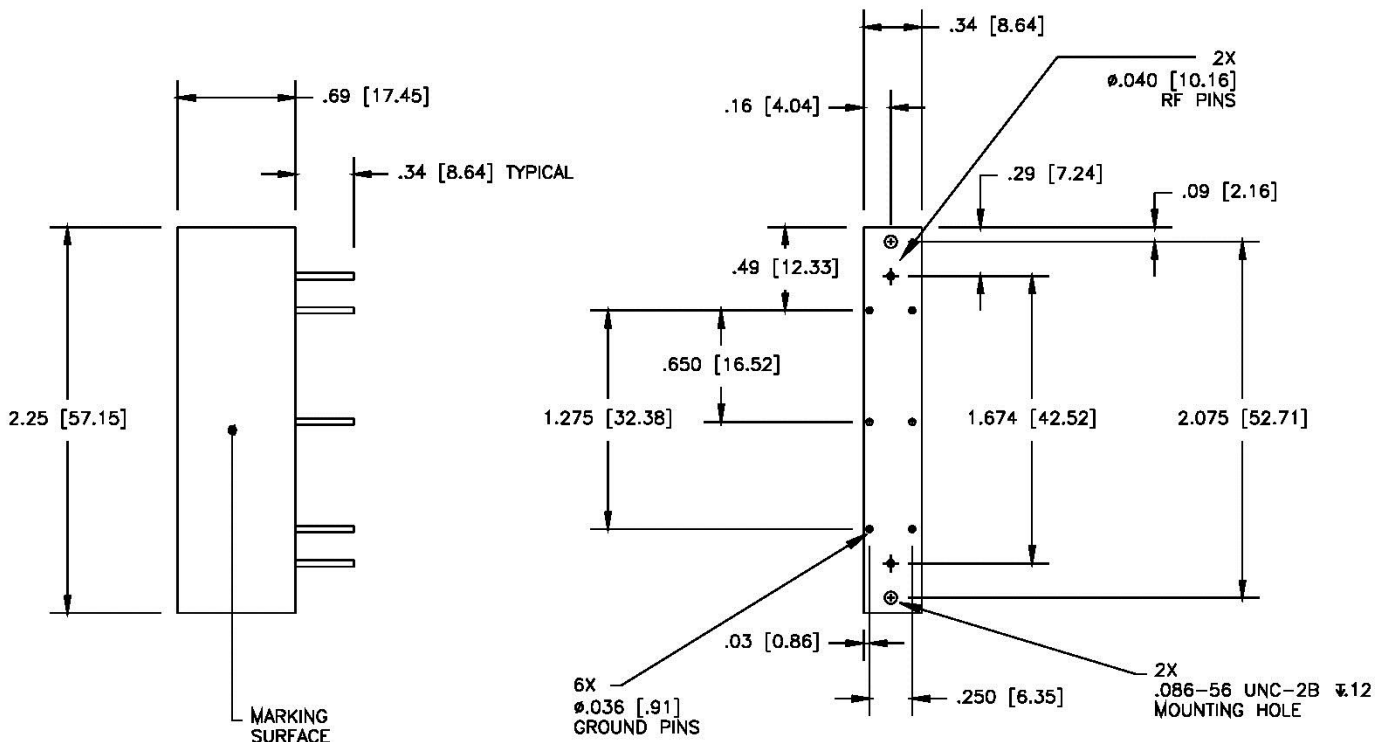
### Mechanical

**Connector Type:** RF Pins  
**Dimensions:** 2.25 x 0.69 x 0.34 Inches

### Environmental

**Operating Temperature:** -20 to +70° C

### Outline Drawing:



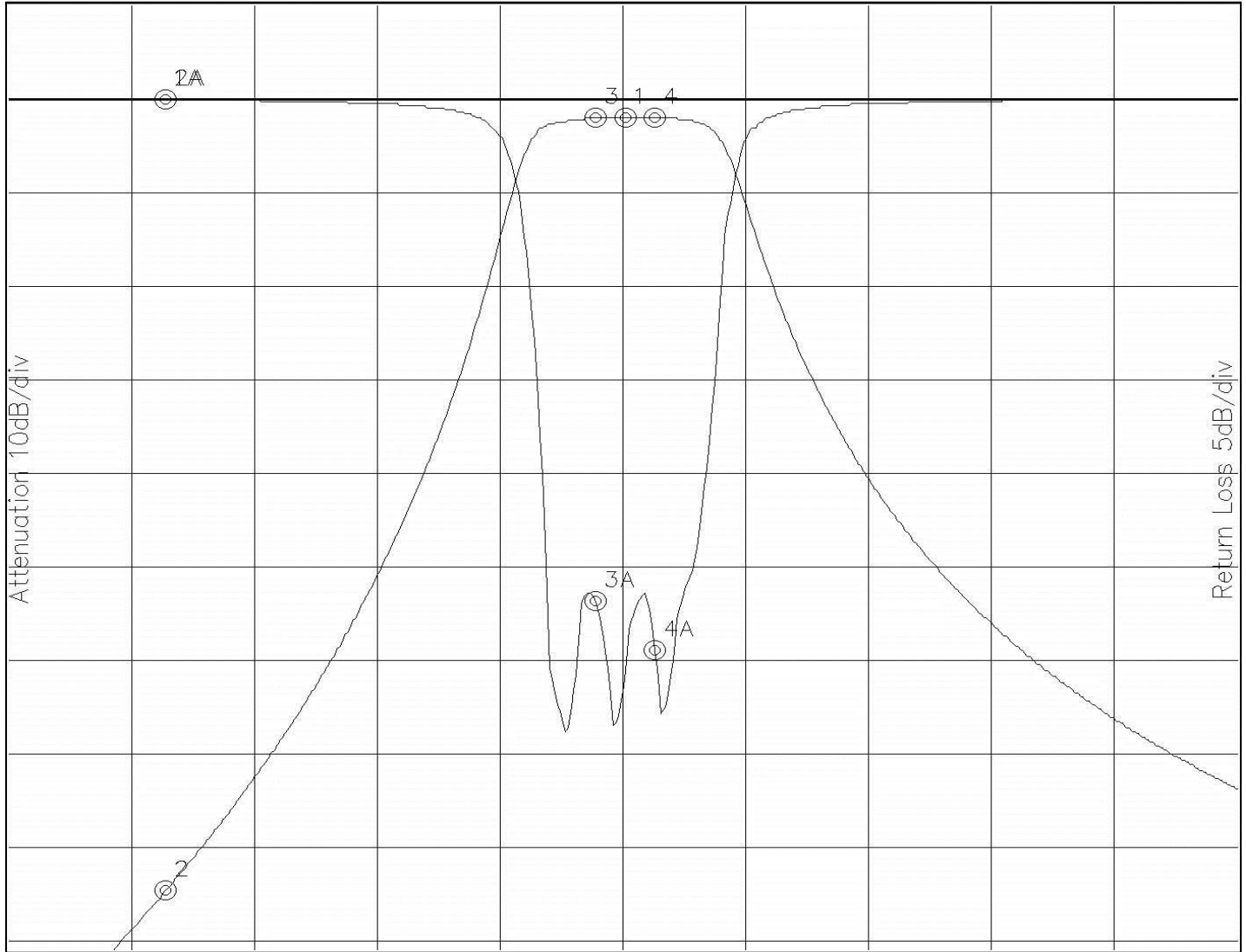


### Response Plot:

A485.lad

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Attenuation/Return Loss



Attenuation Start: 395.0MHz

Stop: 595.0MHz

Return Loss Start: 395.0MHz

Stop: 595.0MHz

Marker 1 Freq 495.16MHz Atten -1.885dB  
 Marker 2 Freq 420.20MHz Atten -84.382dB  
 Marker 3 Freq 490.31MHz Atten -1.987dB  
 Marker 4 Freq 500.00MHz Atten -1.918dB

Marker 1A Freq 420.20MHz Ret Loss 0.000dB  
 Marker 2A Freq 420.20MHz Ret Loss 0.000dB  
 Marker 3A Freq 490.31MHz Ret Loss -26.775dB  
 Marker 4A Freq 500.00MHz Ret Loss -29.328dB

**Note:** This is a simulation plot. Actual results may differ once the product is implemented.