



**Electrical Specifications**

**Center Frequency:** 495 MHz  
**Bandwidth:** 10 MHz at 3dB  
**Pass Band:** 490 Min to 500 Max MHz at 3 dB  
**Insertion Loss:** 7.0 dB Max at 495 MHz  
**In/Out VSWR:** 1.25:1 @ 495 MHz  
**Stopbands:** >40 dB @ 49 MHz  
                   >75 dB @ 420 MHz

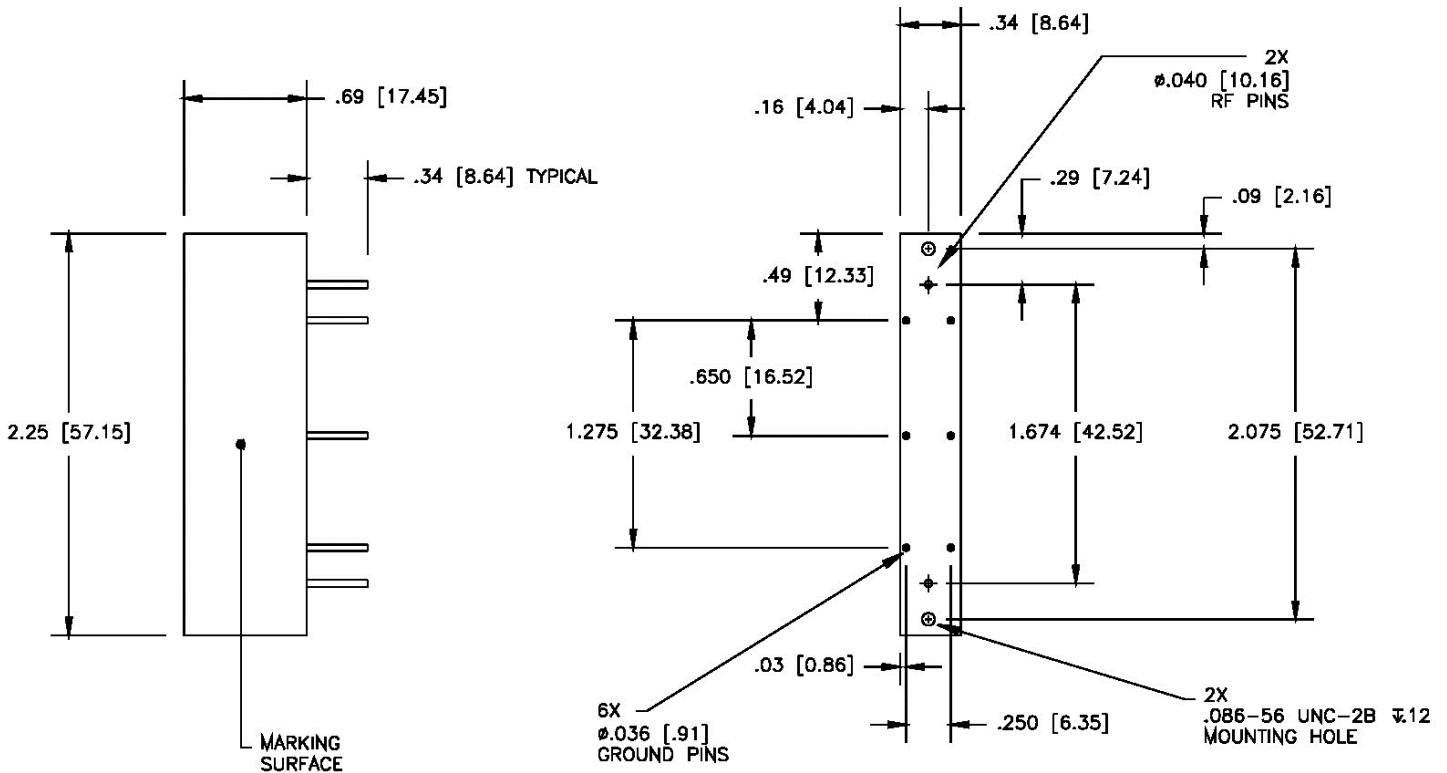
**Mechanical**

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



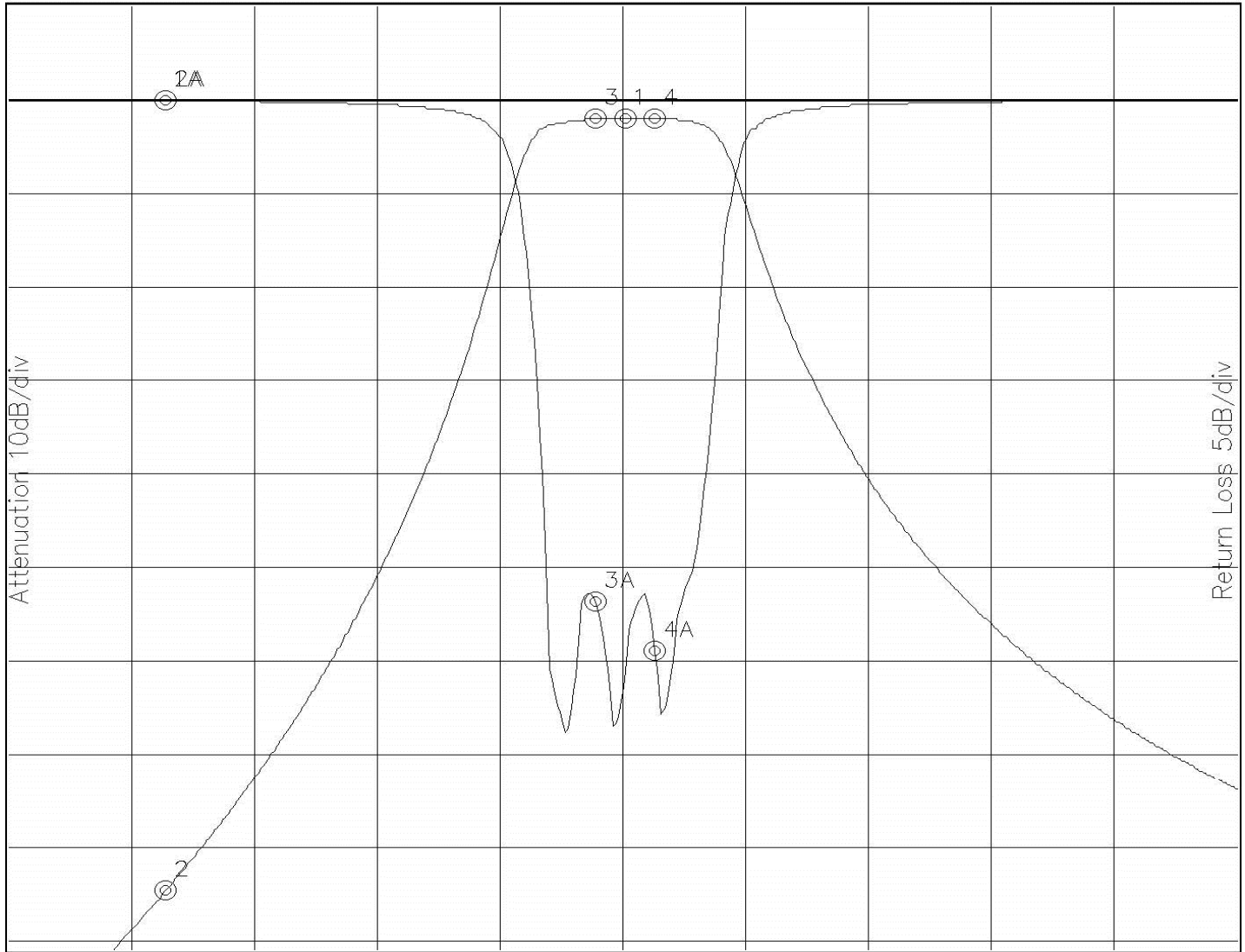


**Response Plot:**

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