



**Electrical Specifications**

**Center Frequency:** 70 MHz  
**Passband:** 66-74 MHz at 1 dB  
**Insertion Loss:** 3.8 dB Max at Fo  
**VSWR:** 1.50:1 Max at 66-74 MHz  
**Phase:** ± 4° Max at 66-74 MHz  
**Stopbands:** 40 dB @ DC-59.5 MHz  
 60 dB @ 59.5-60 MHz  
 39 dB @ 80-210 MHz

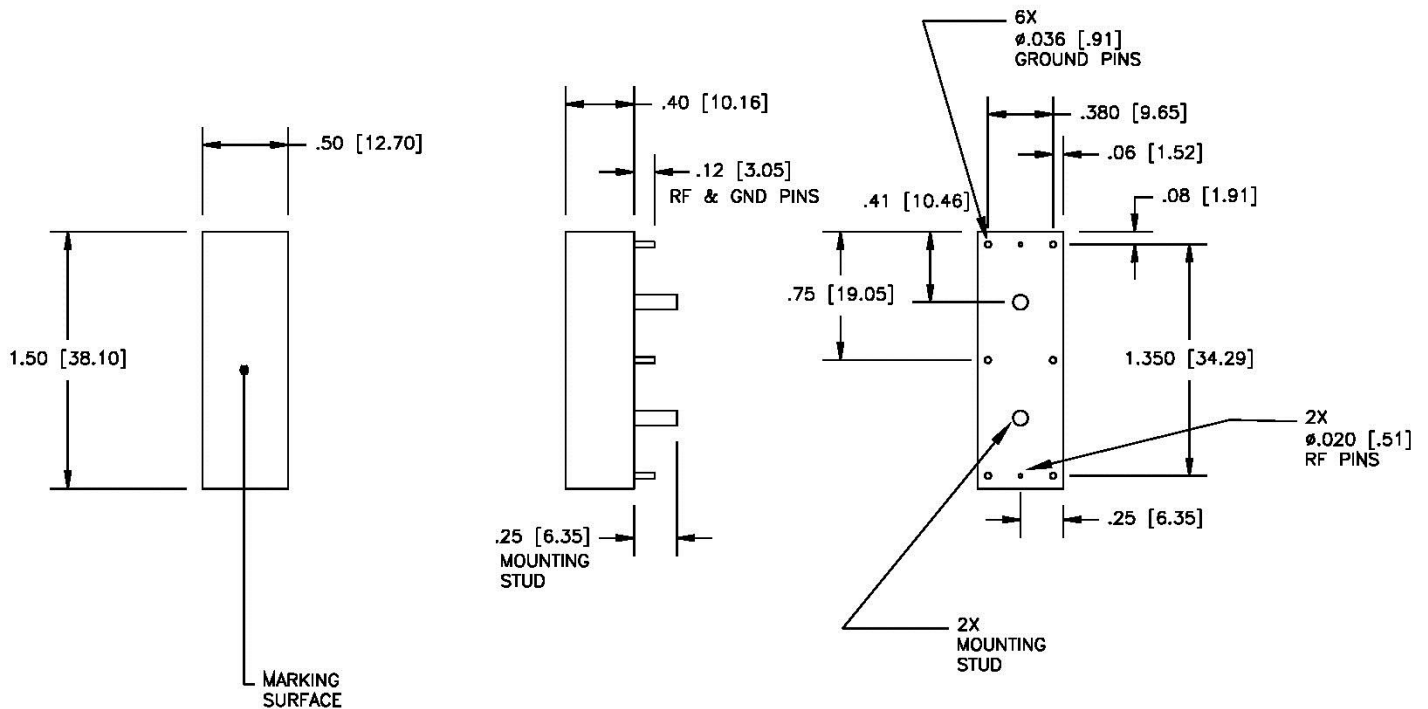
**Mechanical**

**Connector Type:** RF Pins  
**Dimensions:** 1.50 x 0.50 x 0.40 Inches

**Environmental**

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

**Outline Drawing:**



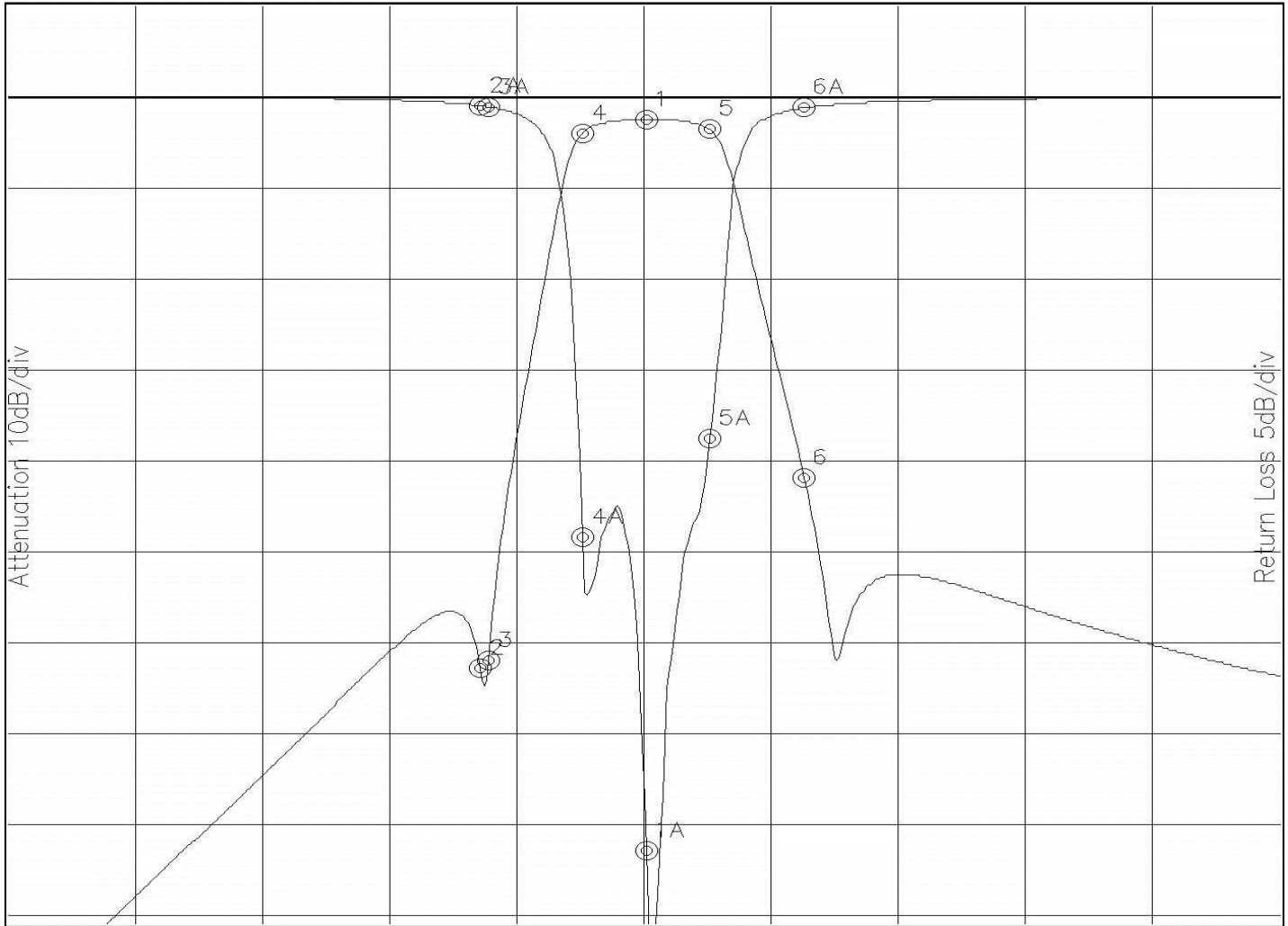


### Response Plot:

A486.lad

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Attenuation/Return Loss



Attenuation Start: 30.0MHz Stop: 110.0MHz

Return Loss Start: 30.0MHz Stop: 110.0MHz

Marker 1	Freq 70.065MHz	Atten -2.346dB
Marker 2	Freq 59.596MHz	Atten -62.615dB
Marker 3	Freq 60.113MHz	Atten -61.804dB
Marker 4	Freq 66.058MHz	Atten -3.839dB
Marker 5	Freq 74.071MHz	Atten -3.549dB
Marker 6	Freq 80.016MHz	Atten -41.698dB

Marker 1A	Freq 70.065MHz	Ret Loss -41.299dB
Marker 2A	Freq 59.596MHz	Ret Loss -0.446dB
Marker 3A	Freq 60.113MHz	Ret Loss -0.510dB
Marker 4A	Freq 66.058MHz	Ret Loss -24.090dB
Marker 5A	Freq 74.071MHz	Ret Loss -18.662dB
Marker 6A	Freq 80.016MHz	Ret Loss -0.558dB

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