



Electrical Specifications

Ripple: ± 0.2 dB 3100-3500 MHz
Insertion Loss: 0.7 dB at 3500 MHz
In/Out VSWR: 1.25:1 Max at DC-3500 MHz
Phase Linearity: $\pm 1^\circ$ from 3100-3500 MHz over any 10 MHz segment.
Stopbands: 30 dB @ 6200-7200 MHz
 3 dB @ 4200 MHz
 ULT dB @ 9300-10500 MHz

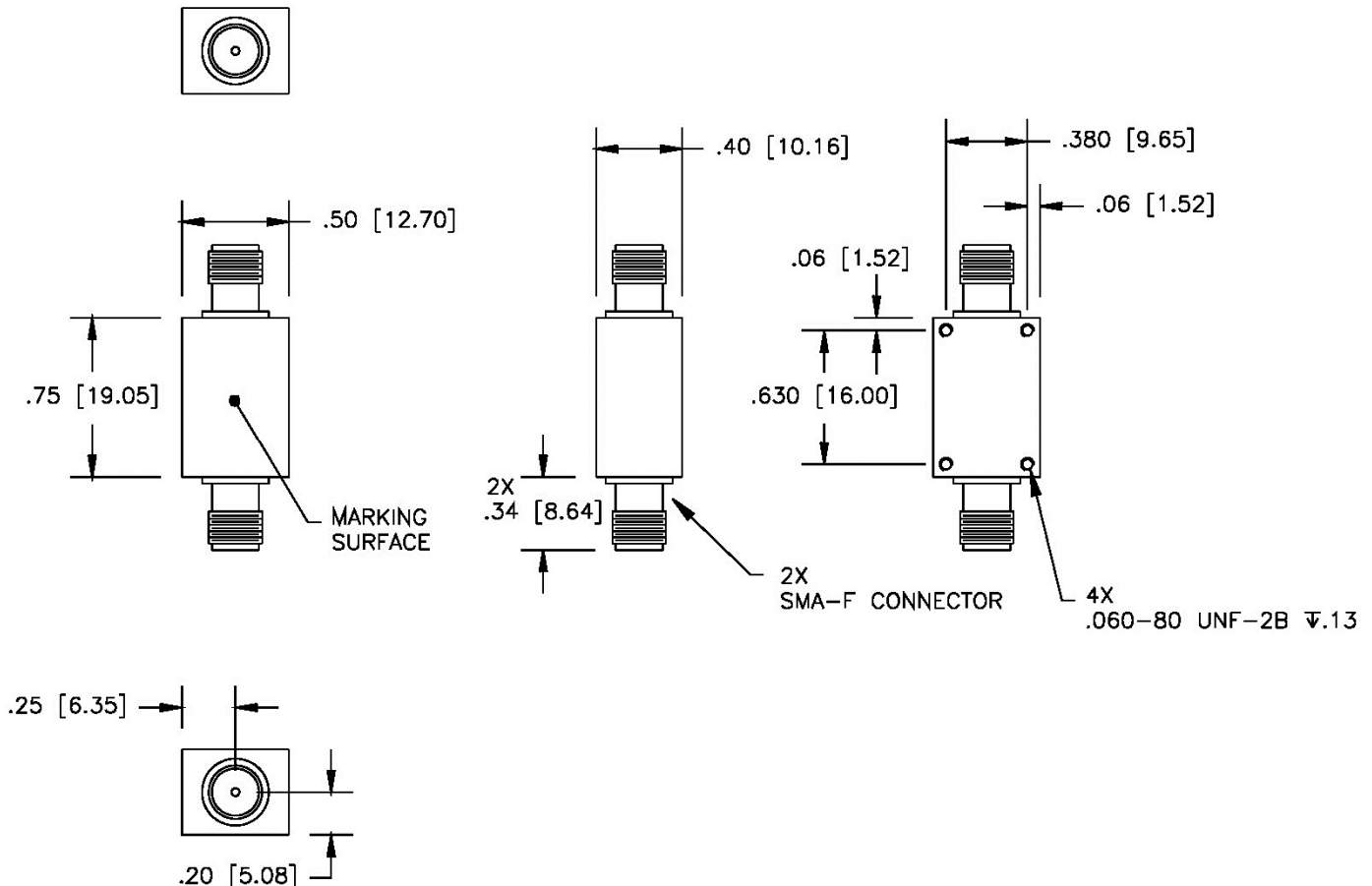
Mechanical

Connector Type: SMA (F)
Dimensions: 0.75 x 0.50 x 0.40 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:



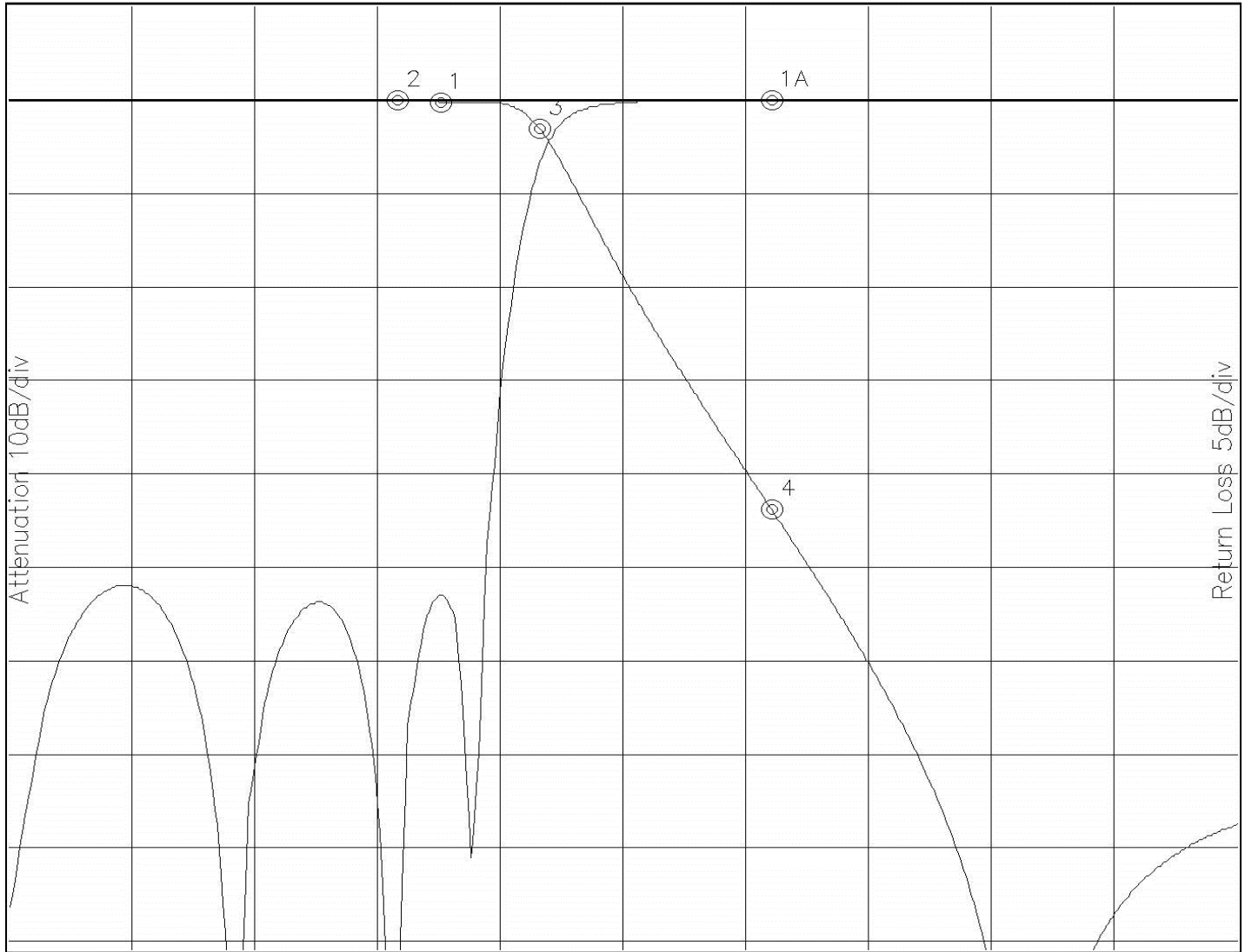


Response Plot:

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Attenuation/Return Loss



Attenuation Start: 1.0Hz Stop: 10.0GHz

Return Loss Start: 1.0Hz Stop: 10.0GHz

Marker 1 Freq 3.506GHz Atten -0.110dB
 Marker 2 Freq 3.150GHz Atten -0.086dB
 Marker 3 Freq 4.313GHz Atten -3.039dB
 Marker 4 Freq 6.204GHz Atten -43.730dB

Marker 1A Freq 6.204GHz Ret Loss 0.000dB

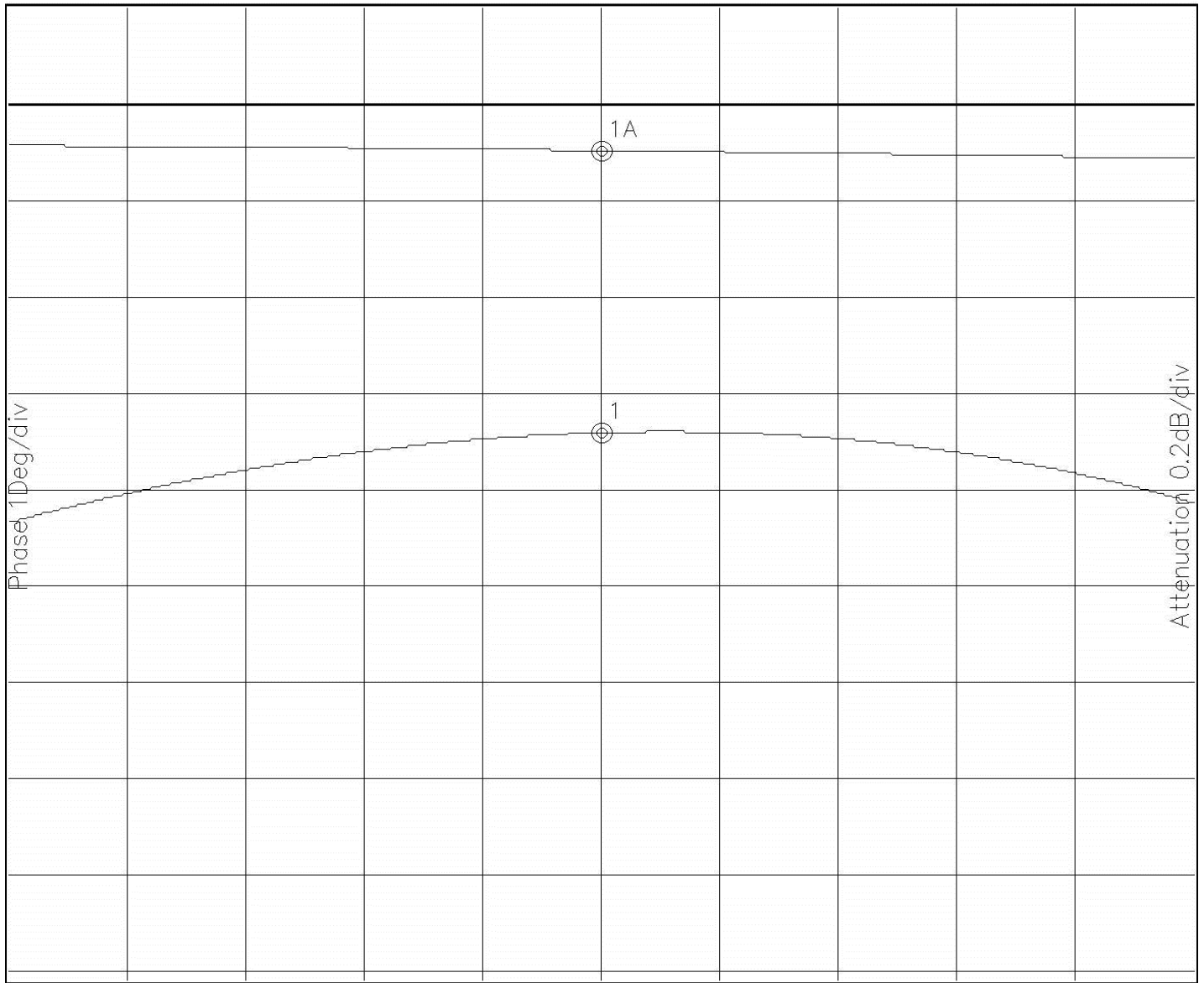


Phase:

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Phase/Attenuation



Phase Start: 3.10GHz Stop: 3.50GHz

Attenuation Start: 3.10GHz Stop: 3.50GHz

Offset -262.1Deg

Marker 1 Freq 3.30GHz Phase -3.389Deg

Marker 1A Freq 3.30GHz Atten -0.095dB