



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

30 MHz LC Bandpass Filter

Part Number: AE30B6400



Electrical Specifications

Center Frequency: 30 MHz

3-dB Bandwidth : >1.2 MHz

Insertion Loss: <5.5 dB

Impedance: 50 Ohms

VSWR: 1.5:1

Lower Rejection: > 50 dB at 26 MHz

Higher Rejection: >50 dB at 34 MHz

Mechanical

Connector Type: PC-Mount

Dimensions: 1" X 0.5" x 0.4" in.

Environmental

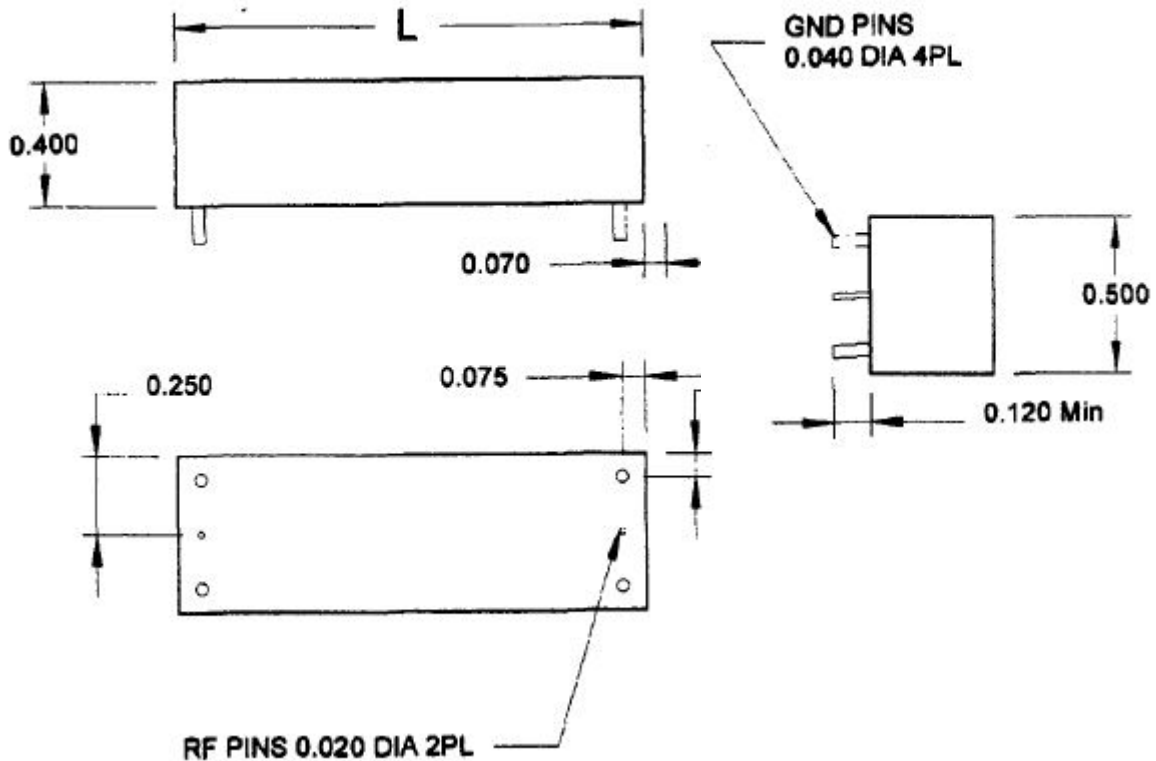
Operating Temperature: -25°C to +70°C

Storage Temperature: -40°C to +90°C

Shock: 10 G. 11ms

Vibration: 10 G. 5 to 200Hz

Outline Drawing:

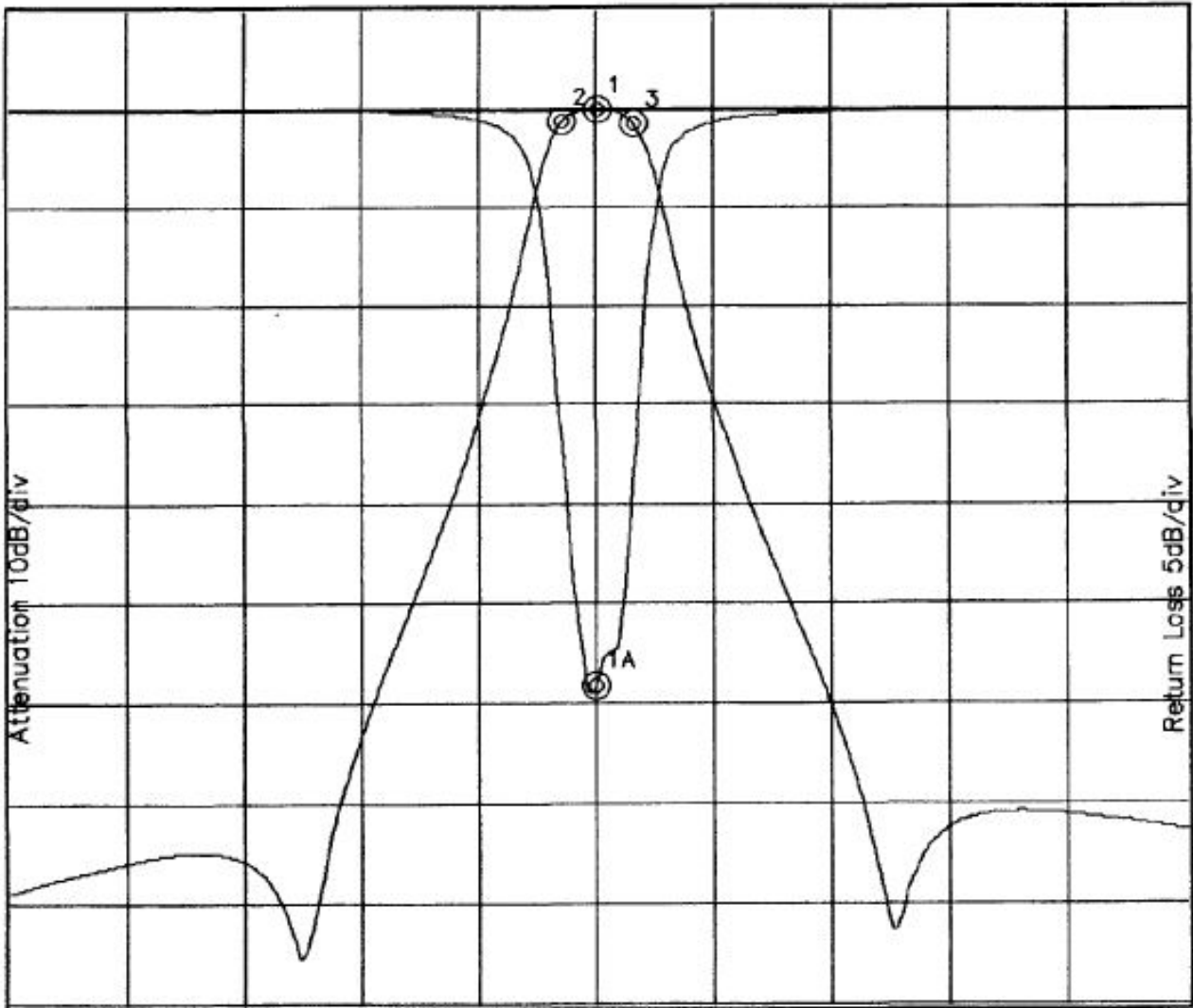




Response Plot:

A0677

Attenuation/Return Loss



Attenuation Start: 20.0MHz Stop: 40.0MHz

Return Loss Start: 20.0MHz Stop: 40.0MHz

Offset -4.3478dB

Marker 1 Freq 30.016MHz Atten -0.074dB

Marker 1A Freq 29.984MHz Ret Loss -29.345dB

Marker 2 Freq 29.402MHz Atten -1.262dB

Marker 3 Freq 30.630MHz Atten -1.564dB