

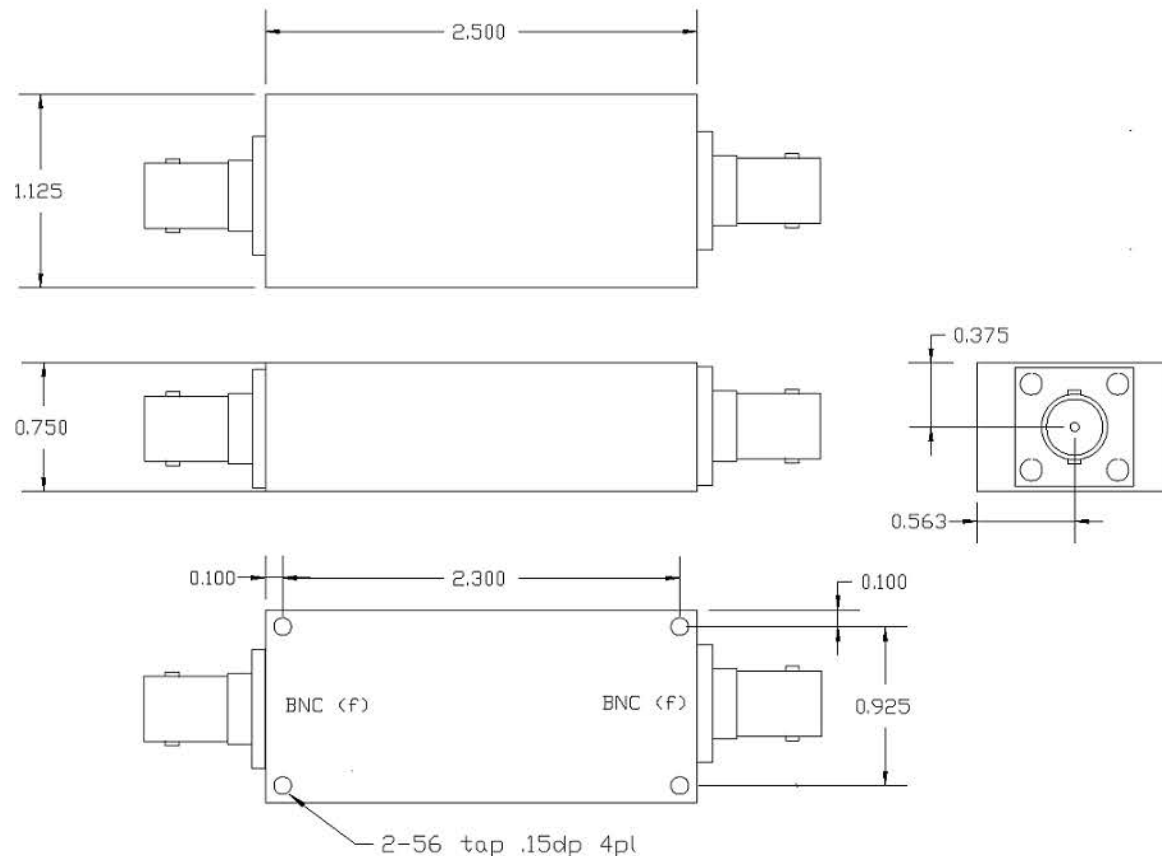


**162-173 MHz LC Bandpass Filter**

**Part Number: AE167B10741**

Passband Frequency Range:	162-173 MHz
Passband Insertion Loss:	1.5 dB maximum
Passband Ripple:	0.5 dB maximum
Rejection:	> 20dB @ 0-156 MHz, and 179-3000 MHz
Maximum RF Input Level:	+30 dBm (peak or continuous)
Input and Output Impedance:	50 Ohms
Temperature:	-45 to +85Deg.C.
Connectors:	BNC Female In/Out
Group Delay Variation in Passband:	10 usec max. in any 12.5 KHz bandwidth
Mounting:	Thru holes mounting with 6-32 screws
Dimensions:	2.5 x 1.125 x .75 inches

**Outline Drawing:**

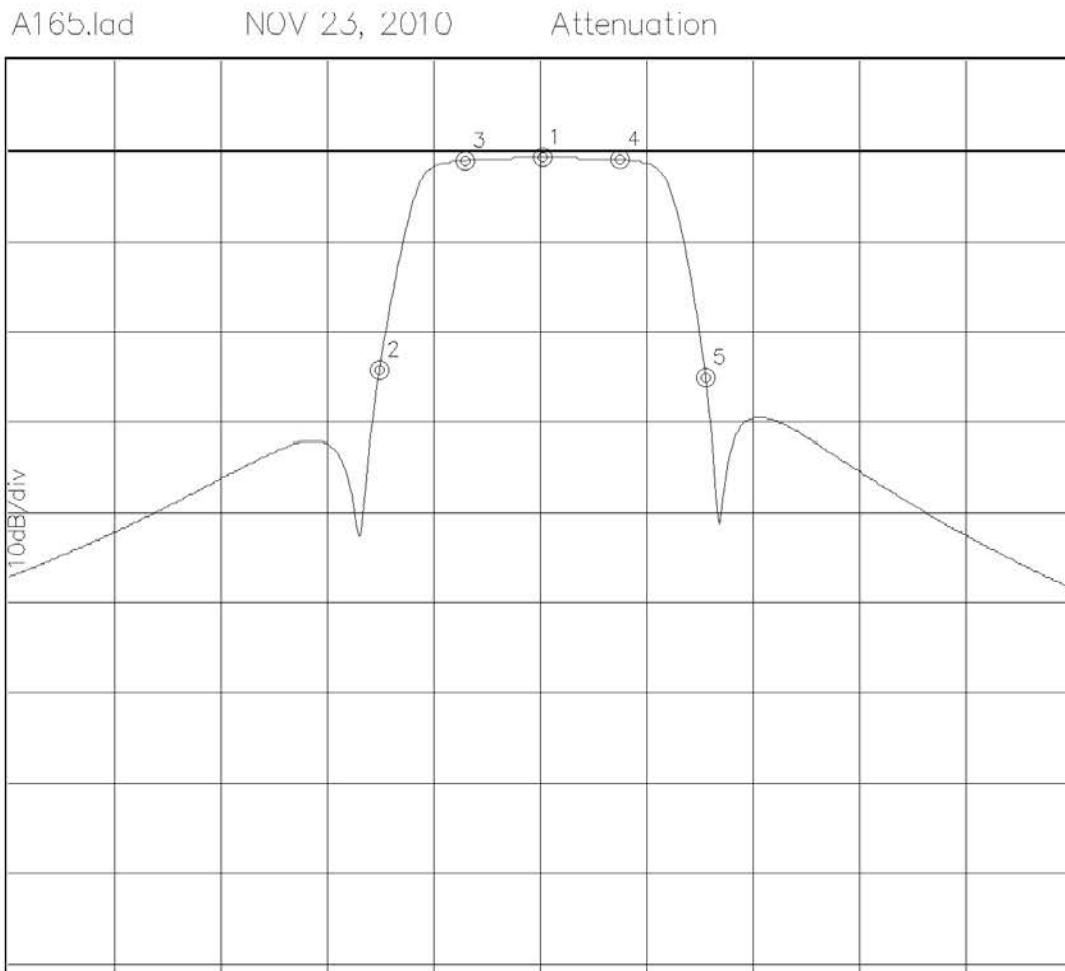




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**Part Number: AE167B10741**

**Response Plot:**



Attenuation Start: 130.0MHz    Stop: 205.0MHz

- Marker 1 Freq 167.56MHz Atten -0.727dB
- Marker 2 Freq 156.05MHz Atten -24.152dB
- Marker 3 Freq 162.10MHz Atten -1.013dB
- Marker 4 Freq 173.01MHz Atten -0.918dB
- Marker 5 Freq 179.07MHz Atten -24.981dB