



# ANATECH ELECTRONICS, INC.

Manufacturer of RF & Microwave Products

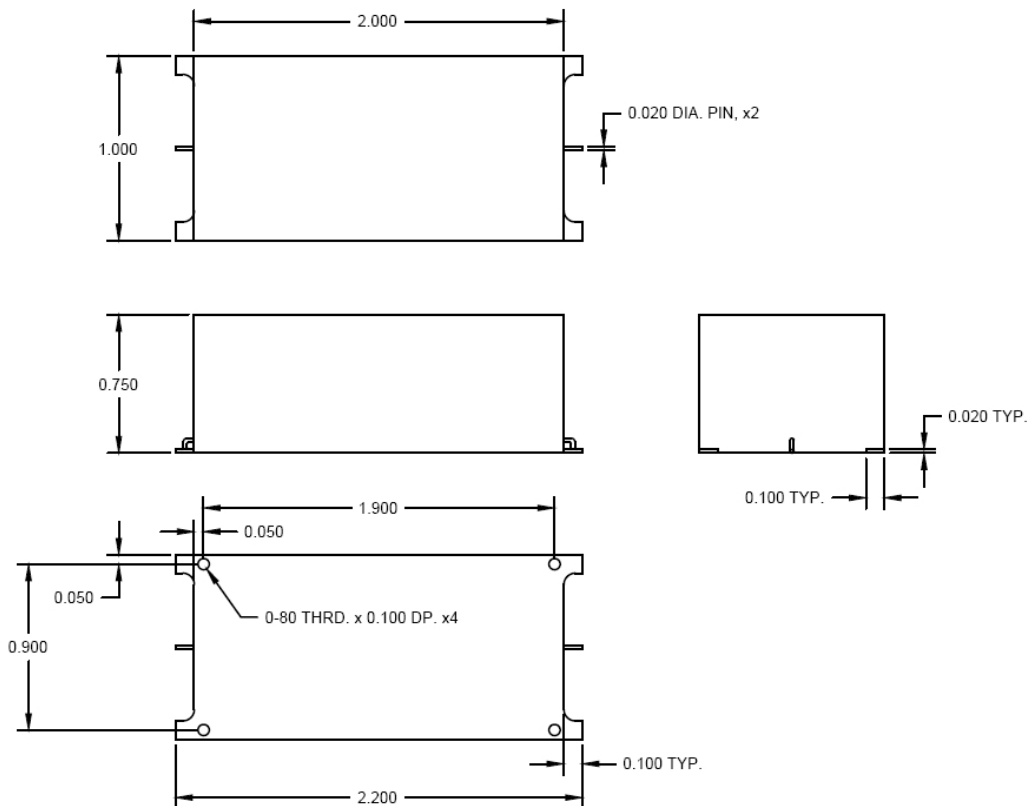


## 150MHz LC Bandpass filter

Part Number: AE150B10725

|                                   |                      |
|-----------------------------------|----------------------|
| Center Frequency:                 | 150MHz               |
| Passband                          | 148.5MHz to 151.5MHz |
| Insertion Loss of Passband:       | 10dB max.            |
| Ripple in Passband BW:            | 0.5dB max            |
| Low side Rejection Frequencies    | 140MHz               |
| High side Rejection Frequencies:  | 160MHz               |
| Attenuation of Reject Frequencies | 60dB                 |
| Return Loss in passband:          | >18dB                |
| In/Out Impedance:                 | 50 Ohm               |
| Operating Temperature:            | -40 C to +85 C       |
| Power Handling:                   | 1 W                  |
| Package Style:                    | SMT                  |
| Package size:                     | 2" X 1" X 0.75"      |

### Outline Drawing:

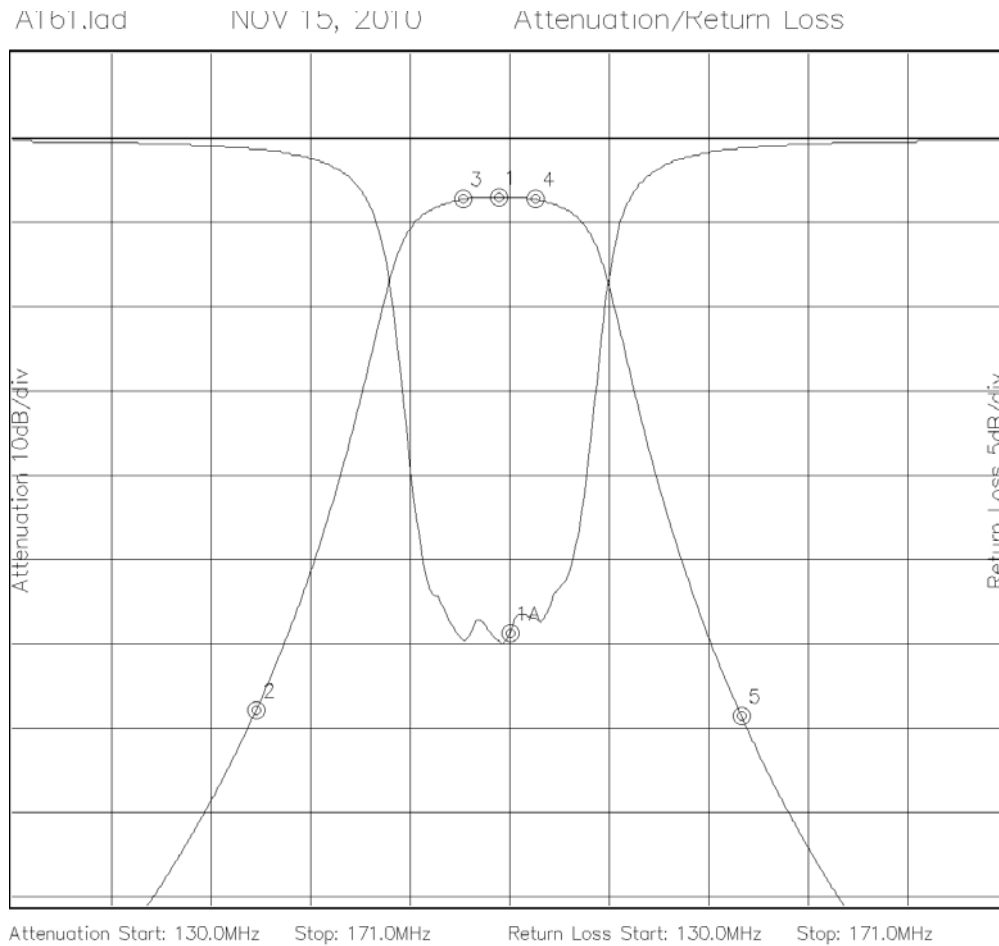




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**Response Plot:**



|          |                |                 |           |                |                    |
|----------|----------------|-----------------|-----------|----------------|--------------------|
| Marker 1 | Freq 150.00MHz | Atten -6.856dB  | Marker 1A | Freq 150.46MHz | Ret Loss -29.186dB |
| Marker 2 | Freq 140.00MHz | Atten -67.523dB |           |                |                    |
| Marker 3 | Freq 148.54MHz | Atten -7.177dB  |           |                |                    |
| Marker 4 | Freq 151.52MHz | Atten -7.236dB  |           |                |                    |
| Marker 5 | Freq 160.00MHz | Atten -68.314dB |           |                |                    |