

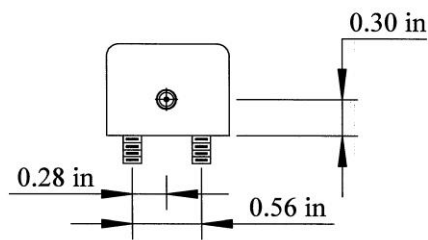
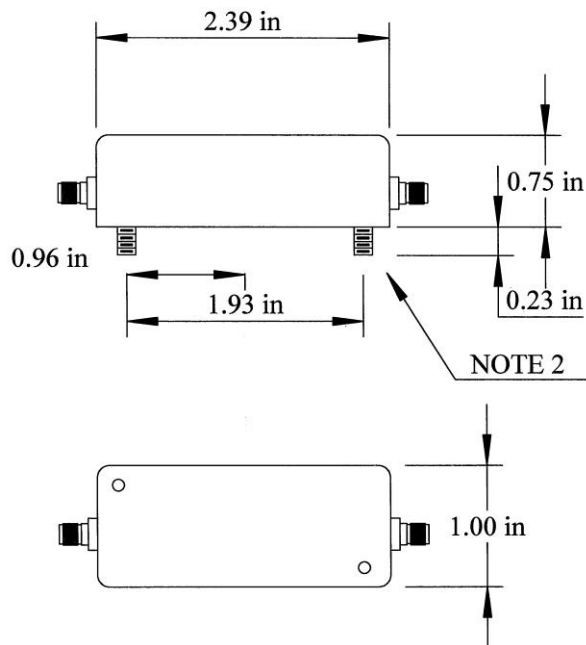


**162.2500 MHz Crystal Bandpass Filter**

**Part Number: AM162.25CR330**

|   |                          |
|---|--------------------------|
| Center Frequency (F0):                                | 162.2500 MHz             |
| Passband Frequency Range:                             | F0 +/- 3.15 kHz          |
| 3dBc Bandwidth:                                       | F0 +/- 3.15 kHz          |
| Insertion Loss:                                       | 8 dB Max.                |
| Passband Ripple:                                      | 2 dB Max.                |
| 30 dBc Rejection:                                     | +/- 25 kHz from F0       |
| 50 dBc Rejection:                                     | +/- 50 kHz from F0       |
| Adjacent Channel Rejection (12.5 kHz channel spacing) | Min 25.0 dB              |
| Input Power:  | 0 dBm Max                |
| Input Impedance:                                      | 50 Ohms                  |
| Output Impedance:                                     | 50 Ohms                  |
| Return Loss (VSWR) at center frequency:               | 14 dB or better          |
| Operating Temperature:                                | 0 to +50 deg. C          |
| Input Connector:                                      | SMA Female- gold plated  |
| Output Connector:                                     | SMA Female- gold plated  |
| Dimensions:   | 2.39 x 1.0 x 0.75 inches |

**Outline Drawing:**



**Notes:**

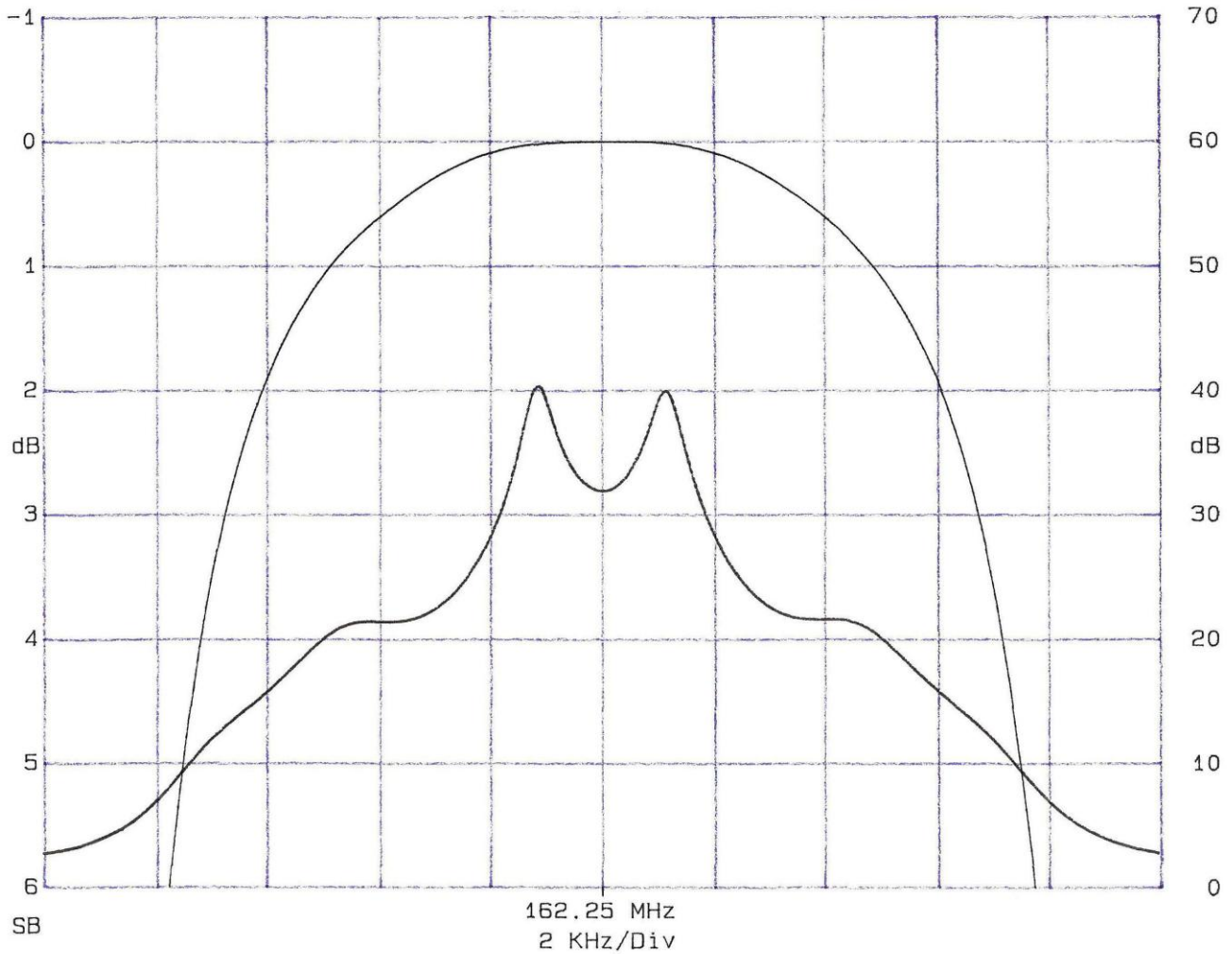
1. Connector: SMA Gold Plated Female (Typ-3PL)
2. 4-40 Stud (Typ-2PL)



**162.2500 MHz Crystal Bandpass Filter**

**Part Number: AM162.25CR330**

**Response Plots:**



**\*Note: Response plot for reference only, for shape factor.**



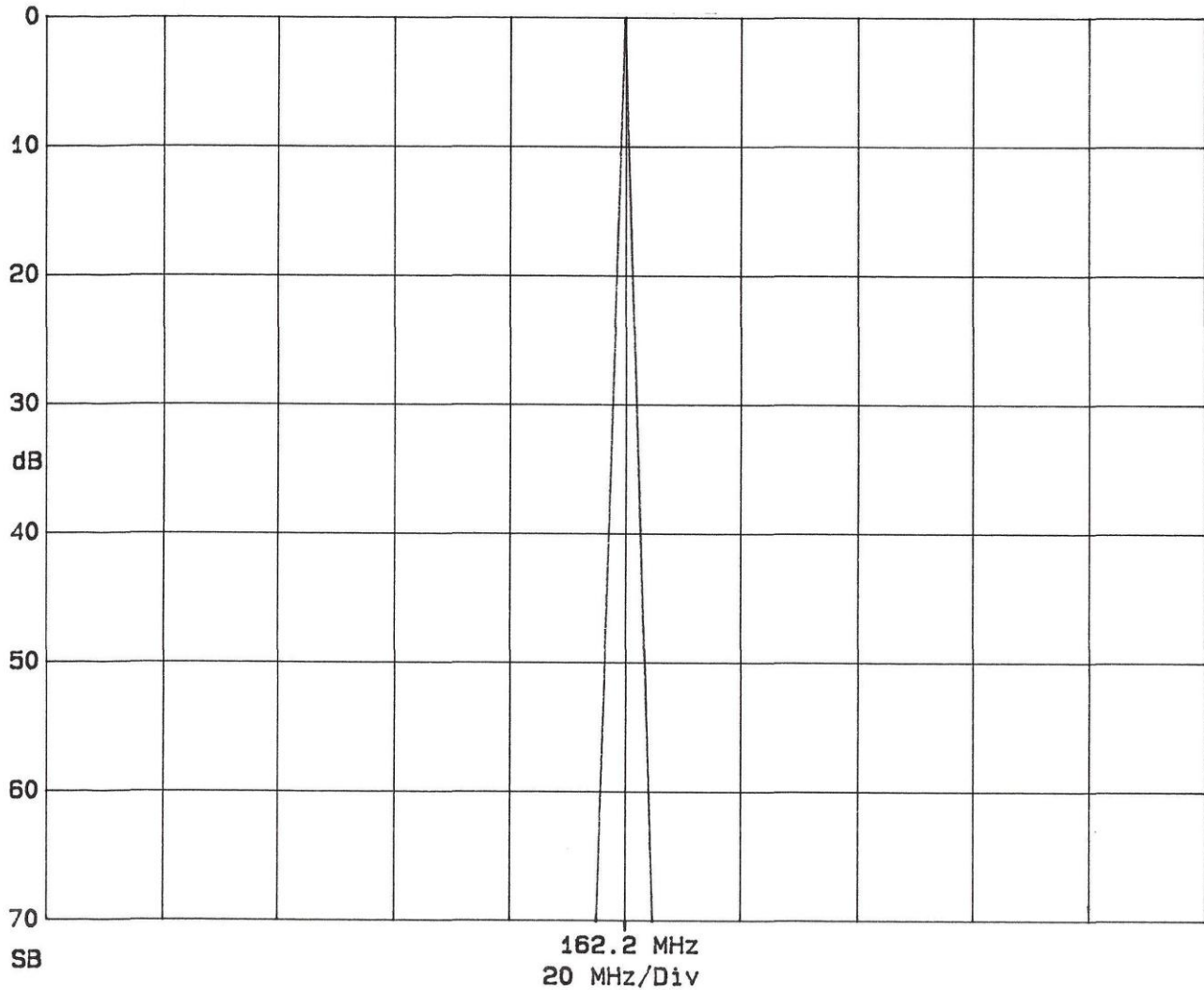
**ANATECH ELECTRONICS, INC.**  
**Manufacturer of RF & Microwave Products**



**162.2500 MHz Crystal Bandpass Filter**

**Part Number: AM162.25CR330**

**Response Plots:**



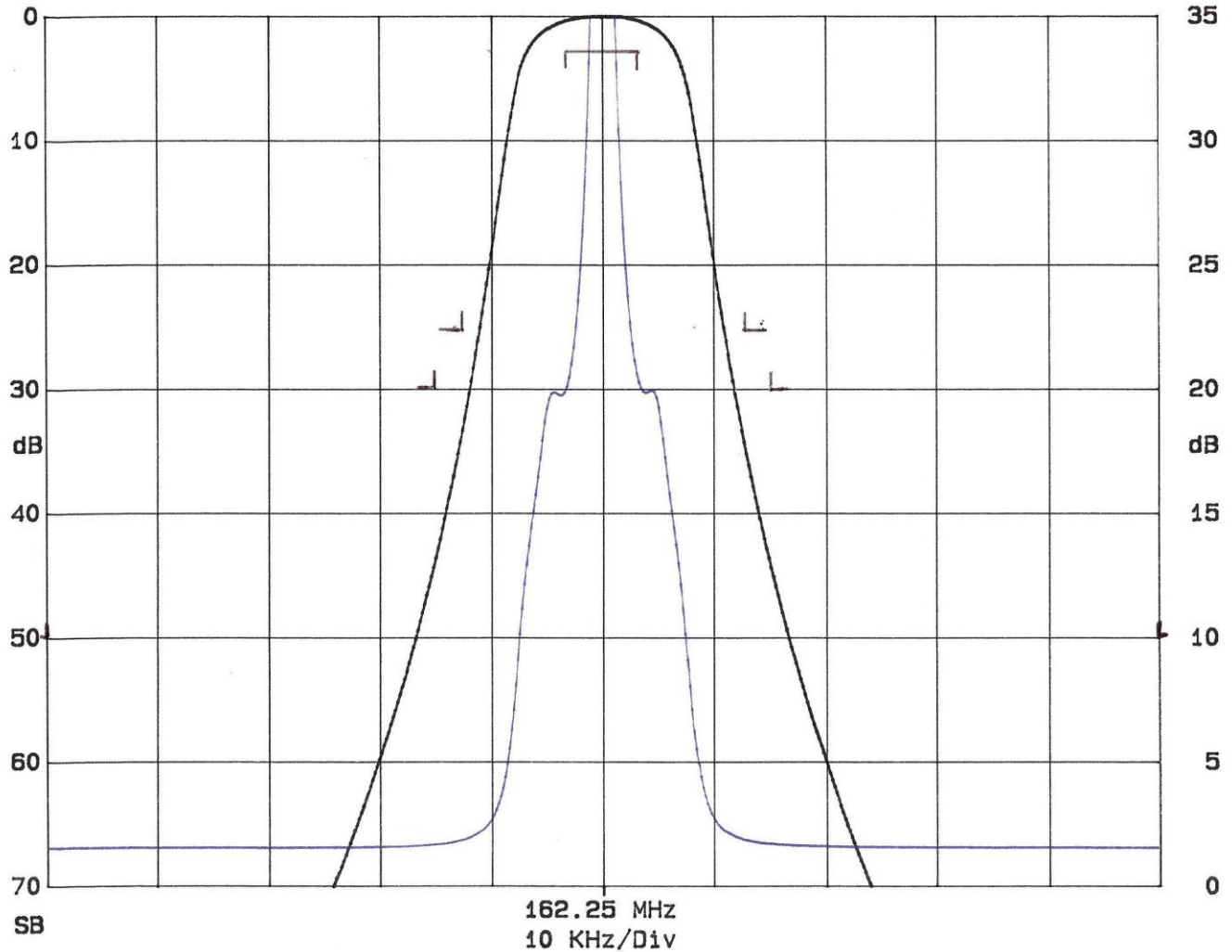
**\*Note: Response plot for reference only, for shape factor.**



**162.2500 MHz Crystal Bandpass Filter**

**Part Number: AM162.25CR330**

**Response Plots:**



**\*Note: Response plot for reference only, for shape factor.**