

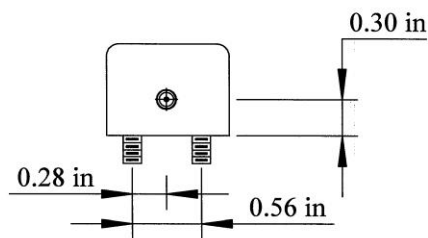
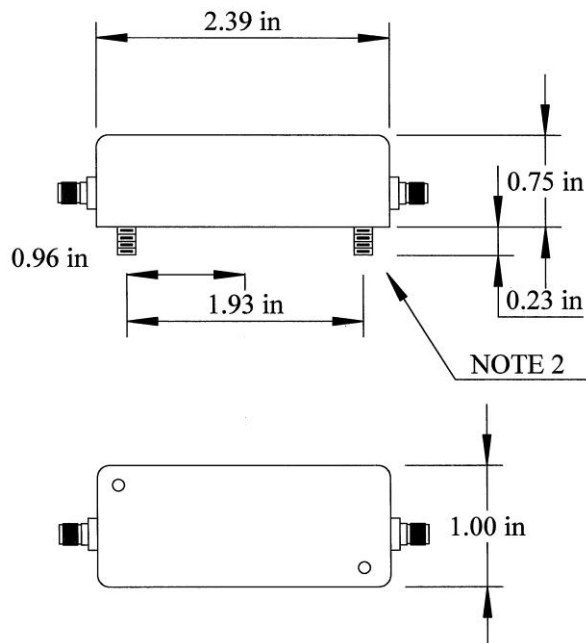


**166.4250 MHz Crystal Bandpass Filter**

**Part Number: AM166.425CR343**

Center Frequency (F0):	166.4250 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)