



100 MHz Crystal Filter

Part Number: AM100CR153



Electrical

Center Frequency: 100 MHz
3 dB BW: ± 1.5 KHz Min
Insertion Loss: 10 dB Max
20 dB BW: ± 5 KHz Min
Ultimate Attenuation & Spurious: 20 dB Min
Passband Ripple: 1.0 dB
Impedance: 50 Ohms In/Out

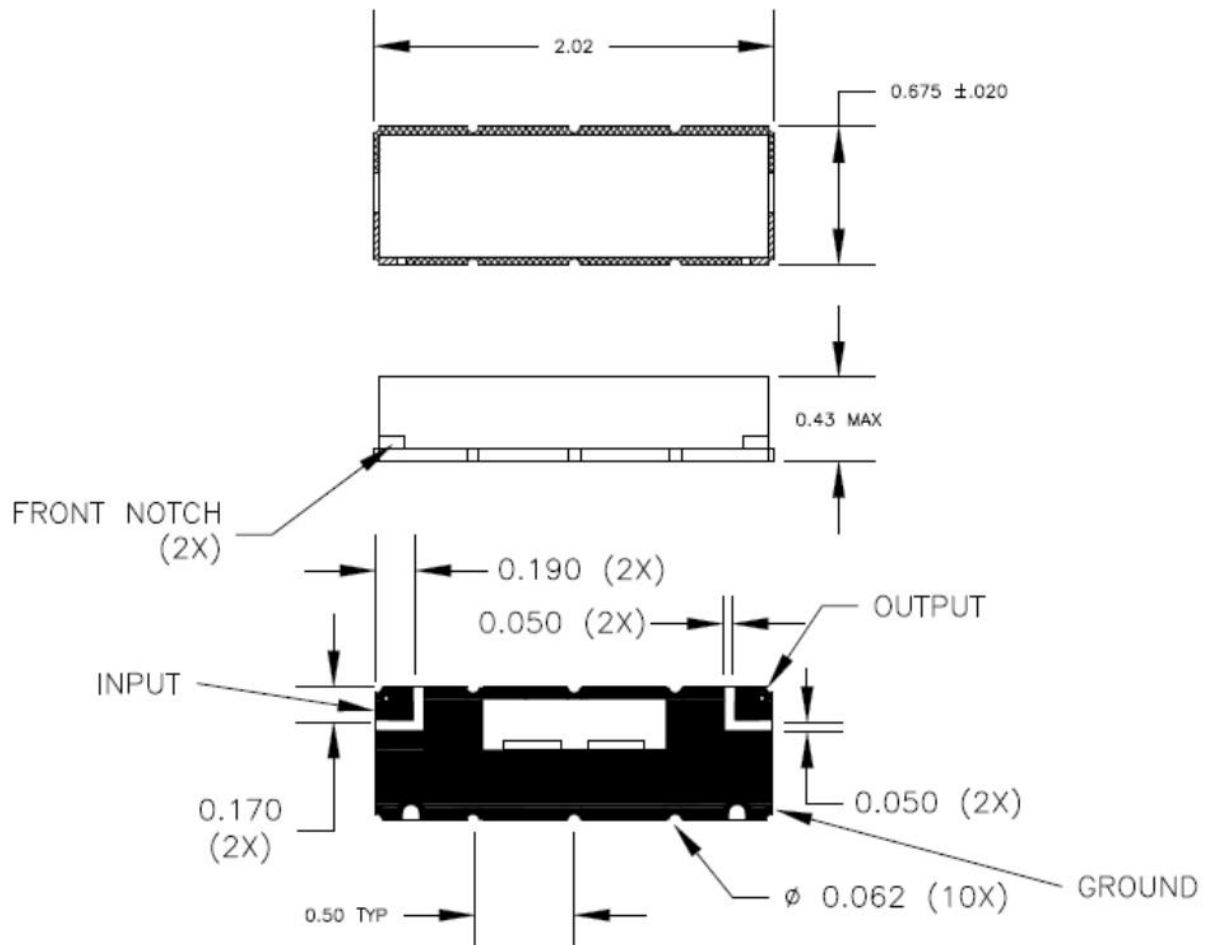
Mechanical

Connector: SMT
Dimensions: 2.02 x 0.875 x 0.43 in.

Environmental

Operating Temperature: +0 to +50C
Shock: 1 G
Vibration: 1 G

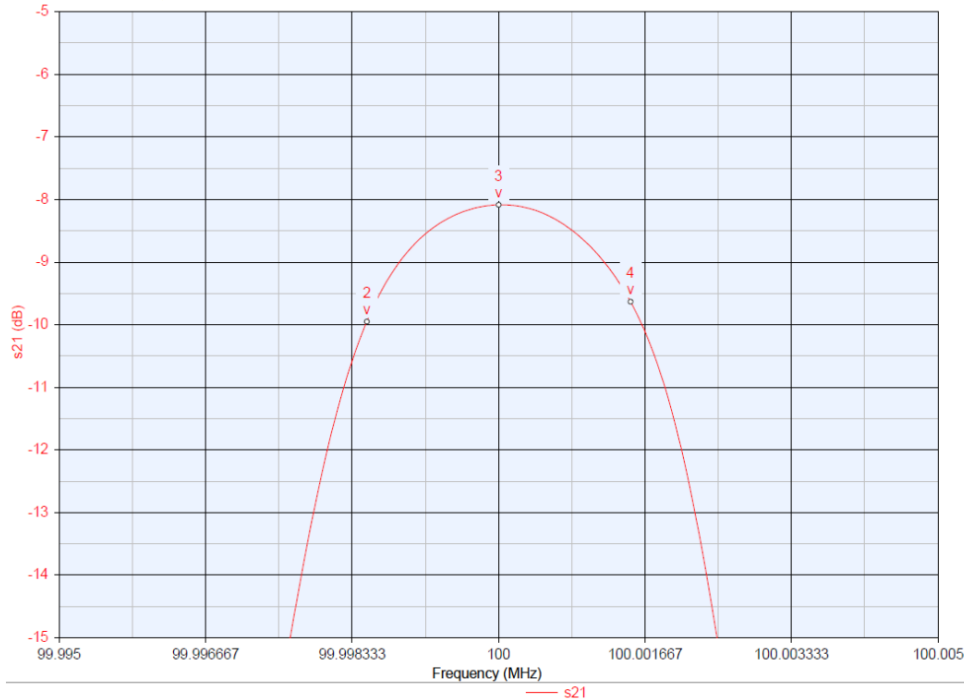
Outline Drawing:



DS-CR153-08202015-Rev2

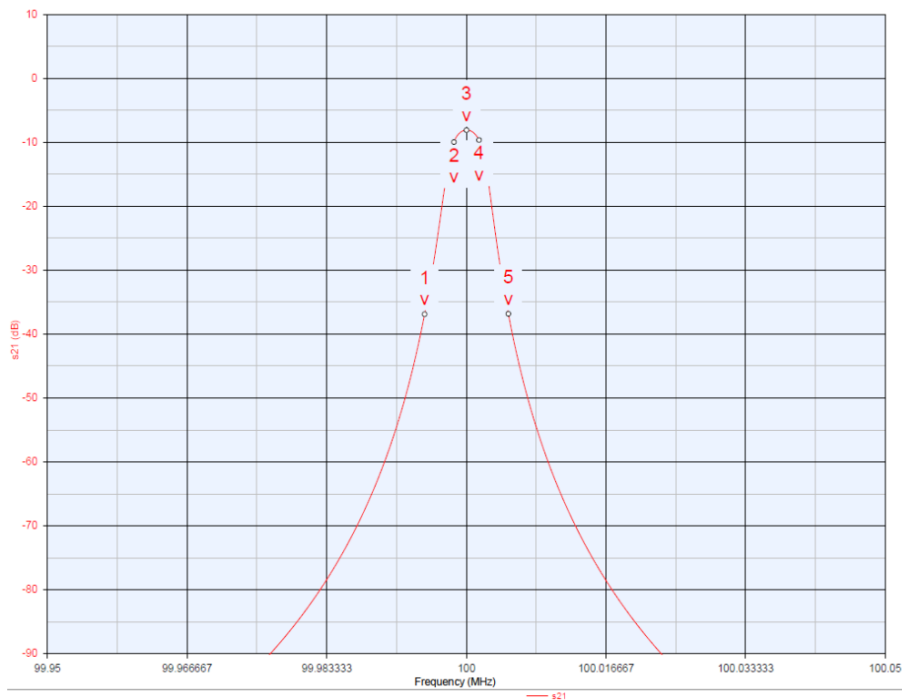


AM100CR153 - 100 MHz +/- 1.5 KHz BW - Response Plot



- 1) 99.995 MHz
-36.880786 dB
- 2) 99.9985 MHz
-9.947532 dB
- 3) 100 MHz
-8.082382 dB
- 4) 100.0015 MHz
-9.629336 dB
- 5) 100.005 MHz
-36.811354 dB

AM100CR153 - 100 MHz +/- 1.5 KHz BW - Stopband Response Plot



- 1) 99.995 MHz
-36.880786 dB
- 2) 99.9985 MHz
-9.947532 dB
- 3) 100 MHz
-8.082382 dB
- 4) 100.0015 MHz
-9.629336 dB
- 5) 100.005 MHz
-36.811354 dB