



5 MHz Crystal Notch Filter

Part Number: AS5CN802



Electrical Specs

Center Frequency: 5 MHz
Notch Bandwidth: $F_o \pm 200$ Hz Min
Notch Attenuation: 50 dB Min
Passband Response Variation: 1 dB Max
Passband Ripple: 1 dB Max*
3 dB Bandwidth: $F_o \pm 100$ KHz Max
Ultimate Attenuation: 50
Insertion Loss: 8.0 dB Max
Impedance: 50 Ohms In/Out

*over +/-1 MHz, except for between 5.2 MHz, narrow band spurious shall have a 3 dB BW of <10 KHz no greater than 60 dB in attenuation

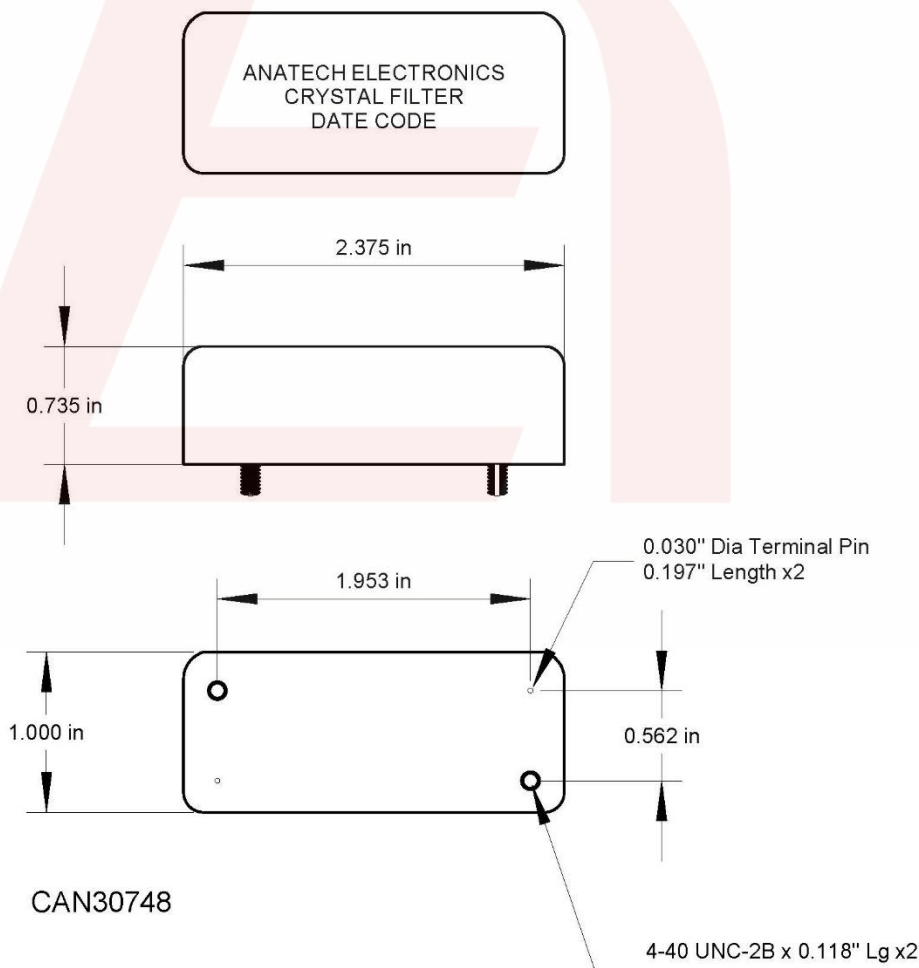
Mechanical Specs

Mounting Type: PCB
Dimensions: 2.375 x 1.00 x .735 in

Environmental

Operating Temperature: 0 to +40° C
Storage Temperature: -55 to +85° C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 Hz

Outline Drawing:



DS-CN802-08202015-Rev0



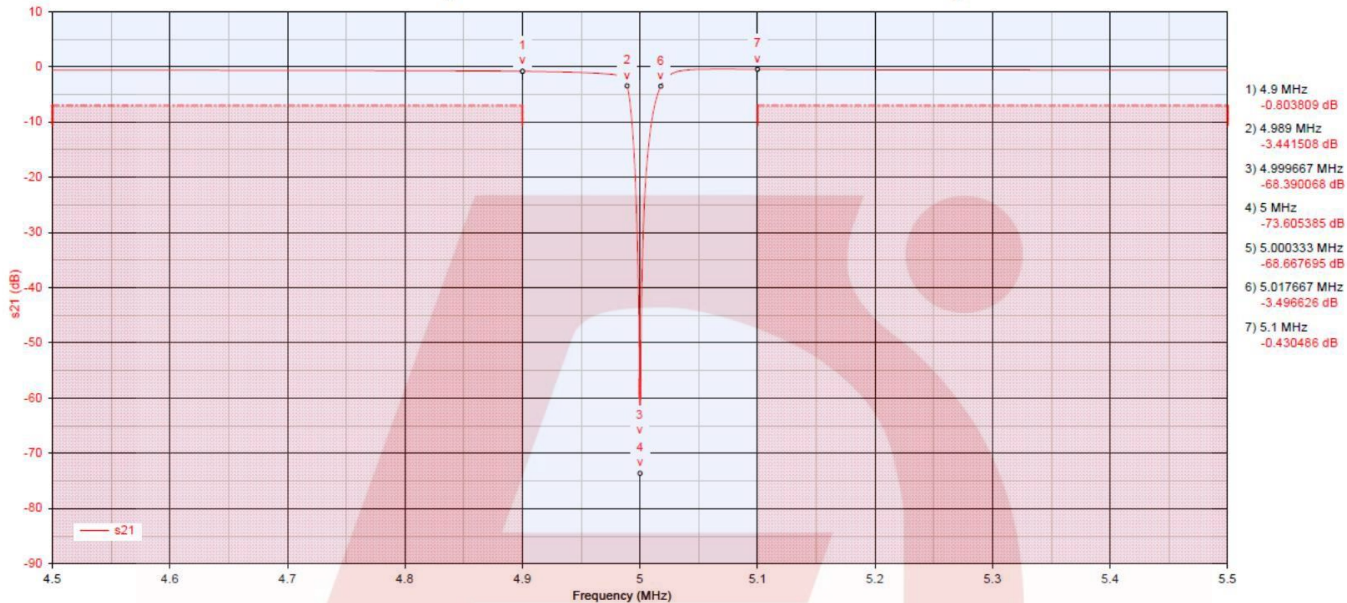
5 MHz Crystal Notch Filter

Part Number: AS5CN802

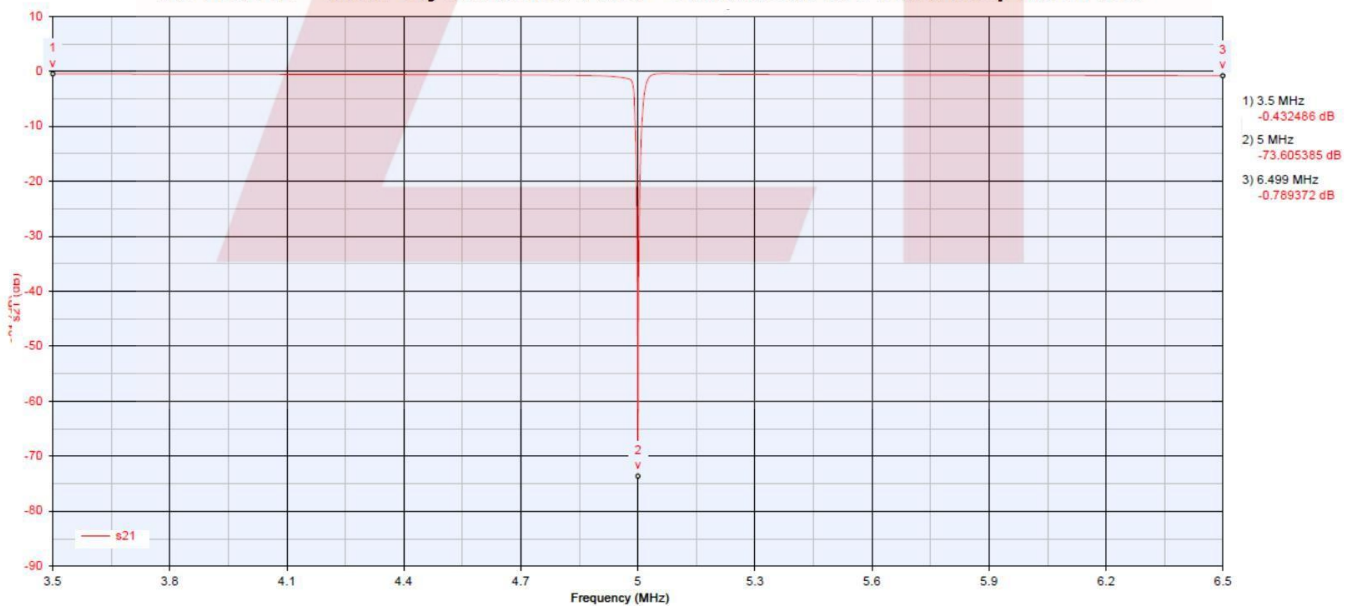


Simulated Plots:

AS5CN802 - 5MHz Crystal Notch Filter - Simulated Notch Response Plots



AS5CN802 - 5MHz Crystal Notch Filter - Simulated Pass Band Response Plots



Note: This is a simulated response plot. Actual results may differ.