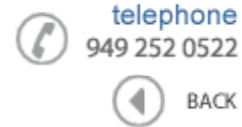


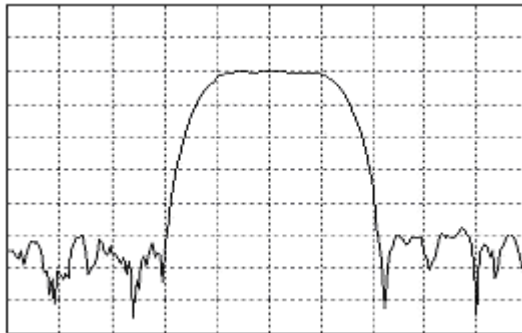
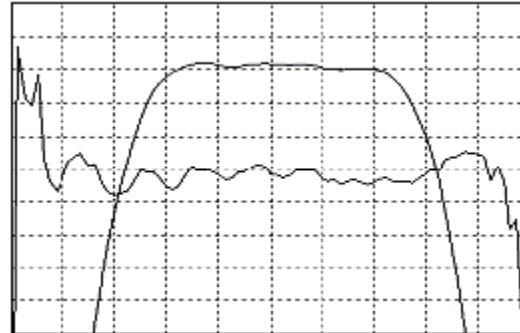
**Data Sheet**

Product Category: IF SAW Filter

Part Number
820-IF72.5M-APackage
20.2 x 12.6 Thru HoleApplication
Base Station & RepeaterLast Modified
May 30 2003**TYPE :**

72.5 MHz Bandpass Filter

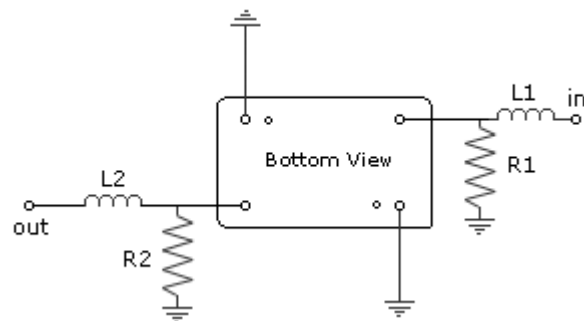
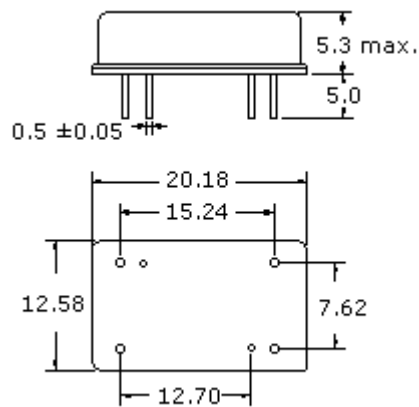
1.1 MHz Bandwidth

PART NUMBER :**820-IF72.5M-A**Horizontal : 0.5 MHz/Div
Vertical : 10 dB/DivHorizontal : 0.2 MHz/Div
Vertical : 1 dB/Div
Vertical : 100 ns/Div**OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

PARAMETERS	Minimum	Typical	Maximum	Units
Center Frequency	72.44	72.5	72.56	MHz
Insertion Loss	-	23.0	28.0	dB
1dB Bandwidth	0.91	1.0	-	MHz
3dB Bandwidth	1.1	1.2	-	MHz
40dB Bandwidth	-	1.95	2.0	MHz
Passband Ripple	-	0.4	0.8	dB
Group Delay Variation	-	100	150	nsec
Absolute Delay	-	2.6	-	µsec
Ultimate Rejection	40	50	-	dB
Substrate Material	-	Quartz	-	-
Ambient Temperature	-	25	-	°C

* Custom SAW IF Filters available. Contact Oscilent for assistance.

PACKAGE OUTLINE (mm)**TEST FIXTURE**



L1 = 220nH

R1 = 1.0 kohm

L2 = 180nH

R2 = 1.0 kohm

Source/Load Impedance = 50 ohms

Part No.: 820-IF72.5M-A**Oscilent Corporation** - CALL **949.252.0522**

17962 Sky Park Circle, Building D, Irvine, CA 92614, USA

Fax: 949.252.0599, E-Mail: Sales@Oscilent.com

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 Crystal Filter | Ceramic Filter | SAW Filter / SAW Devices | Site Map