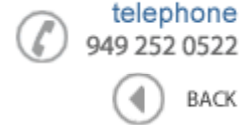


**Data Sheet**

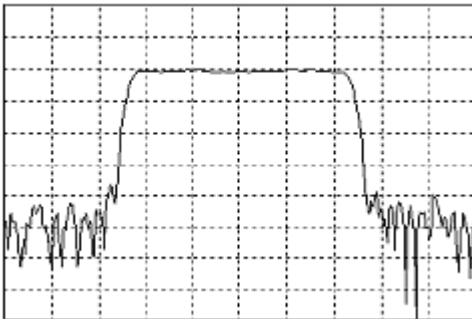
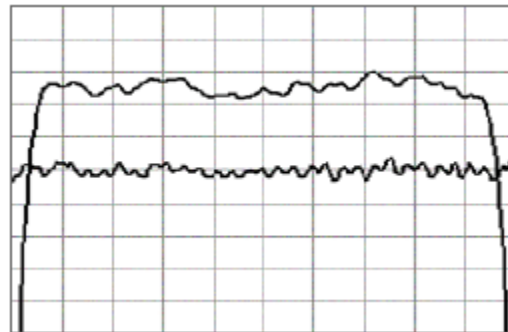
Product Category: IF SAW Filter

Part Number  
813-IF70.0M-BAPackage  
13.3 x 6.5 SMDApplication  
Base Station & RepeaterLast Modified  
May 02 2003

## TYPE :

70.0 MHz Bandpass Filter  
9.0 MHz Bandwidth

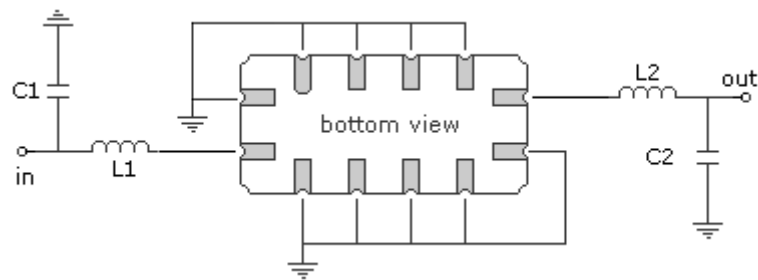
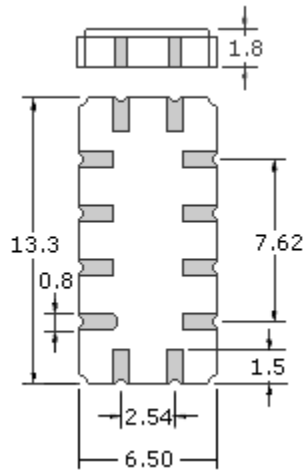
## PART NUMBER :

**813-IF70.0M-BA**Horizontal : 2.0 MHz/Div  
Vertical : 10 dB/DivHorizontal : 1.0 MHz/Div  
Vertical : 1 dB/Div  
Vertical : 100 ns/Div**OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

PARAMETERS	Minimum	Typical	Maximum	Units
Center Frequency	-	70.0	-	MHz
Insertion Loss	-	22.2	24.0	dB
1dB Bandwidth	-	9.00	-	MHz
3dB Bandwidth	9.30	9.33	-	MHz
40dB Bandwidth	-	10.67	11.00	MHz
Passband Ripple	-	0.8	1.5	dB
Group Delay Variation	-	70	150	nsec
Absolute Delay	-	1.59	-	µsec
Substrate Material	-	LT	-	-
Ambient Temperature	-	25	-	°C

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

**PACKAGE OUTLINE** (mm)**TEST FIXTURE**



L1 = 150nH      C1 = 56pF  
 L2 = 369nH      C2 = 62pF  
 Source/Load Impedance = 50 ohms

**Oscilent Corporation** - CALL **949.252.0522**

**Part No.:** 813-IF70.0M-BA

17962 Sky Park Circle, Building D, Irvine, CA 92614, USA  
 Fax: 949.252.0599, E-Mail: Sales@Oscilent.com

Crystal Oscillators | Quartz Crystal | TCXO | VCXO | IF SAW Filter | RF SAW Filter | Ceramic Resonator  
 Crystal Filter | Ceramic Filter | SAW Filter / SAW Devices | Site Map