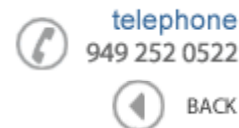


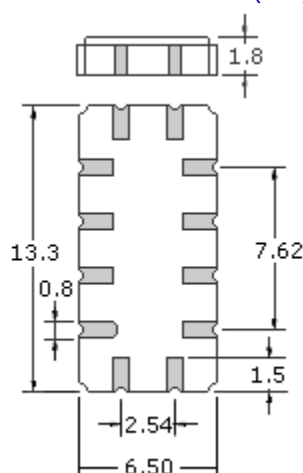
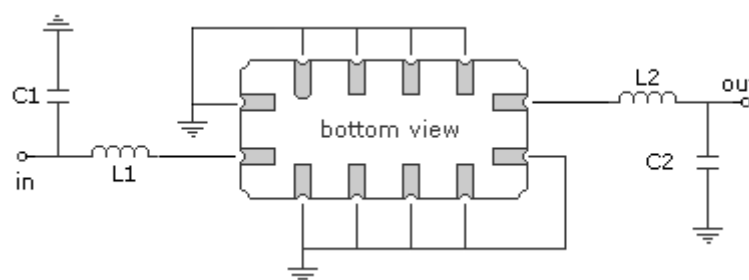
**Data Sheet**

Product Category: IF SAW Filter

Part Number  
813-IF70.0M-CAPackage  
13.3 x 6.5 SMDApplication  
Base Station & RepeaterLast Modified  
May 30 2003**TYPE :**70.0 MHz Bandpass Filter  
9.7 MHz Bandwidth**PART NUMBER :****813-IF70.0M-CA****OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

PARAMETERS	Minimum	Typical	Maximum	Units
Center Frequency	-	70.00	-	MHz
Insertion Loss	-	22.5	24.0	dB
1dB Bandwidth	9.2	9.3	-	MHz
3dB Bandwidth	9.7	9.8	-	MHz
40dB Bandwidth	-	11.7	12.0	MHz
Passband Ripple (Fo ±4.0MHz)	-	0.80	1.0	dB
Group Delay Variation (Fo ±4.0MHz)	-	60	150	nsec
Ultimate Rejection	40	42	-	dB
Temperature Coefficient	-	-18	-	ppm/K

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

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

L1 = 150nH                      C1 = 33pF  
 L2 = (330+15)nH                C2 = 51pF  
 Source/Load Impedance = 50 ohms

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