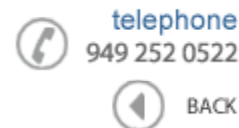




Data Sheet



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 :

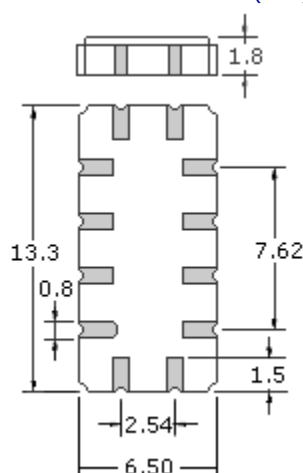
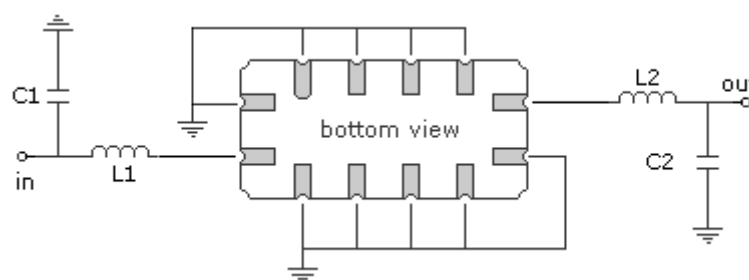
70.0 MHz Bandpass Filter
9.7 MHz Bandwidth

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**Part No.: **813-IF70.0M-CA**17962 Sky Park Circle, Building D, Irvine, CA 92614, USA
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