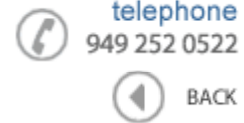


**Data Sheet**

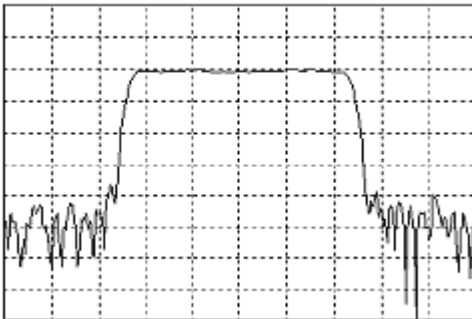
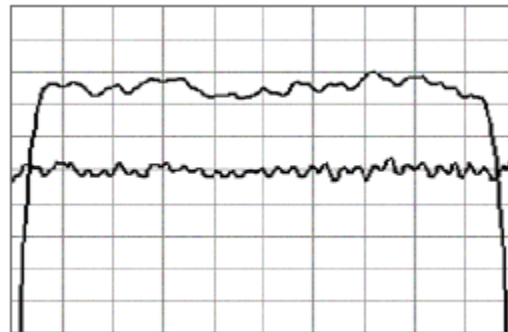
Product Category: IF SAW Filter

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

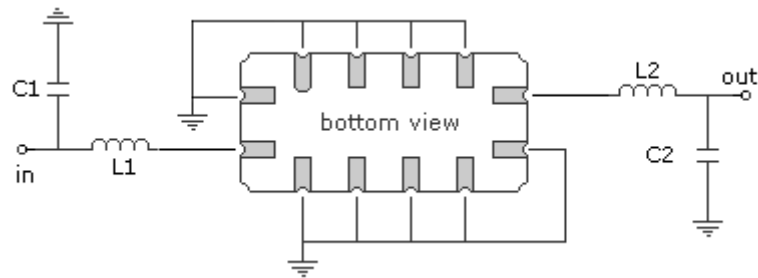
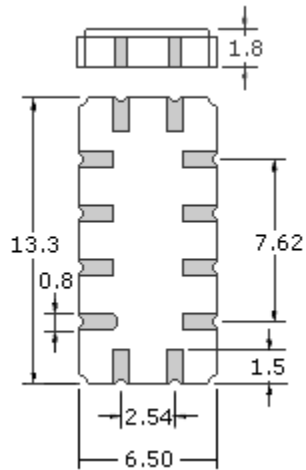
PART NUMBER :

813-IF70.0M-BAHorizontal : 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

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