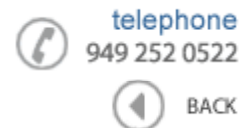


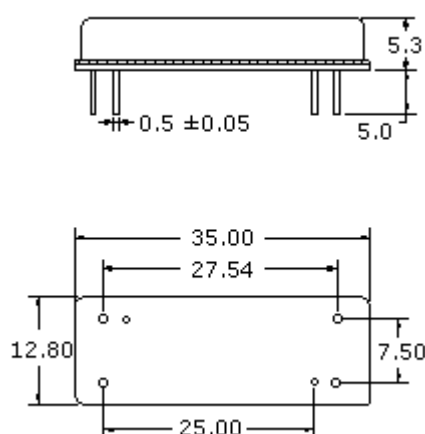
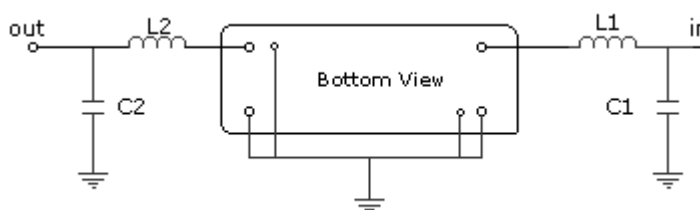
**Data Sheet**

Product Category: IF SAW Filter

Part Number
835-IF70.0M-KAPackage
35.0 x 12.8 Thru HoleApplication
Base Station & RepeaterLast Modified
May 24 2003**TYPE :**70.0 MHz Bandpass Filter
18.6 MHz Bandwidth**PART NUMBER :****835-IF70.0M-KA****OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

PARAMETERS	Minimum	Typical	Maximum	Units
Center Frequency	69.94	70.00	70.06	MHz
Insertion Loss	-	25.5	27.0	dB
1dB Bandwidth	18.40	18.45	-	MHz
3dB Bandwidth	18.60	18.65	-	MHz
40dB Bandwidth	-	19.50	19.60	MHz
50dB Bandwidth	-	19.60	19.70	MHz
Passband Ripple	-	0.60	1.0	dB
Group Delay Variation	-	55	100	nsec
Absolute Delay	-	4.43	-	μsec
Ultimate Rejection	50	55	-	dB

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

PACKAGE OUTLINE (mm)**TEST FIXTURE**

L1 = 100nH C1 = 36pF
 L2 = 120nH C2 = 0pF
 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.: 835-IF70.0M-KA**

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