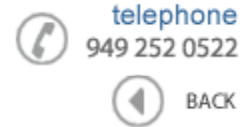


**Data Sheet**

Product Category: IF SAW Filter

Part Number
835-IF75.0M-EPackage
35.0 x 12.8 Thru HoleApplication
Base Station & RepeaterLast Modified
May 24 2003**TYPE :**

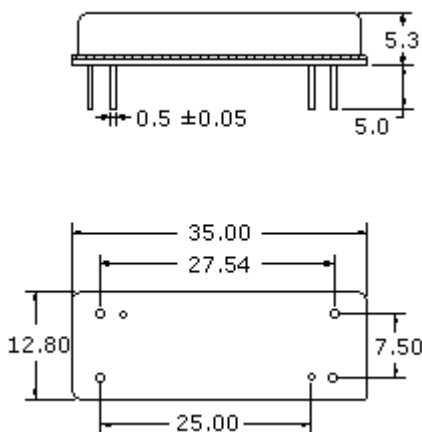
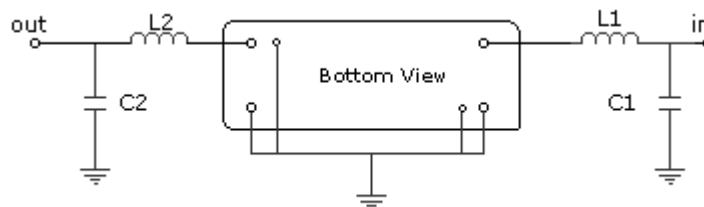
75.0 MHz Bandpass Filter

19.20 MHz Bandwidth

PART NUMBER :**835-IF75.0M-E****OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

PARAMETERS	Minimum	Typical	Maximum	Units
Center Frequency	69.95	75.00	75.05	MHz
Insertion Loss	-	24.0	26.0	dB
1dB Bandwidth	18.90	19.00	-	MHz
3dB Bandwidth	19.20	19.40	-	MHz
18dB Bandwidth	-	20.20	20.40	MHz
33dB Bandwidth	-	20.50	20.70	MHz
50dB Bandwidth	-	20.70	20.90	MHz
Passband Ripple	-	0.65	1.0	dB
Group Delay Variation	-	65	100	nsec
Ultimate Rejection	50	55	-	dB
Substrate Material	-	LN	-	-
Ambient Temperature	-	25	-	°C

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

PACKAGE OUTLINE (mm)**TEST FIXTURE**

L1 = 120nH C1 = 62pF
 L2 = 180nH C2 = 43pF
 Source/Load Impedance = 50 ohms

Part No.: 835-IF75.0M-E

Oscilent Corporation - CALL **949.252.0522**

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