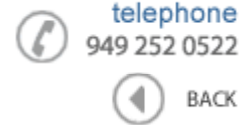


**Data Sheet**

Product Category: IF SAW Filter

Part Number  
838-IF75.0M-DPackage  
38.0 x 25.0 Thru HoleApplication  
Base Station & RepeaterLast Modified  
May 24 2003

## TYPE :

75.0 MHz Bandpass Filter  
19.30 MHz Bandwidth

## PART NUMBER :

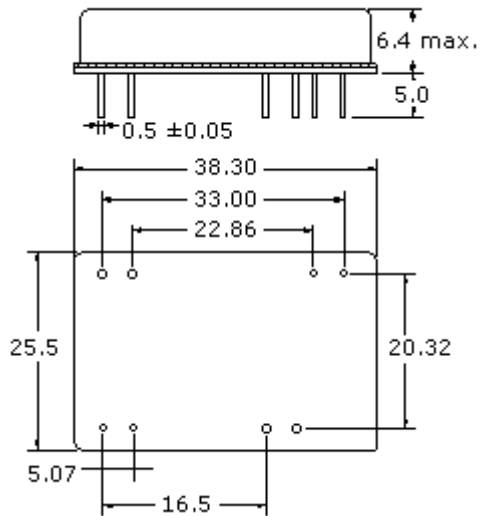
**838-IF75.0M-D****OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

PARAMETERS	Minimum	Typical	Maximum	Units
Center Frequency	69.95	75.00	75.05	MHz
Insertion Loss	-	22.80	25.0	dB
1dB Bandwidth	18.90	19.05	-	MHz
3dB Bandwidth	19.30	19.50	-	MHz
18dB Bandwidth	-	20.29	20.40	MHz
33dB Bandwidth	-	20.60	20.80	MHz
40dB Bandwidth	-	20.70	20.90	MHz
50dB Bandwidth	-	20.80	21.00	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**

Contact Oscilent for Test Fixture Details



**Oscilent Corporation** - CALL **949.252.0522**

**Part No.:** 838-IF75.0M-D

17962 Sky Park Circle, Building D, Irvine, CA 92614, USA  
Fax: 949.252.0599, E-Mail: Sales@Oscilent.com

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Crystal Oscillators | Quartz Crystal | TCXO | VCXO | IF SAW Filter | RF SAW Filter | Ceramic Resonator  
Crystal Filter | Ceramic Filter | SAW Filter / SAW Devices | Site Map