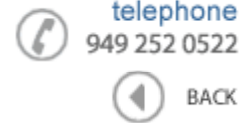


**Data Sheet**

Product Category: IF SAW Filter

Part Number
838-IF100.0M-DPackage
38.0 x 25.0 Thru HoleApplication
Base Station & RepeaterLast Modified
May 24 2003

TYPE :

100.0 MHz Bandpass Filter

19.20 MHz Bandwidth

PART NUMBER :

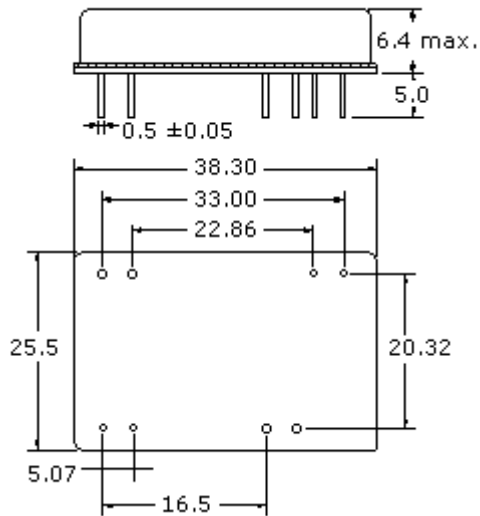
838-IF100.0M-D**OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

| PARAMETERS | Minimum | Typical | Maximum | Units |
|------------------------------|---------|---------|---------|-------|
| Center Frequency | - | 100.00 | - | MHz |
| Insertion Loss | - | 25.0 | 30.0 | dB |
| 1dB Bandwidth | 18.90 | 19.00 | - | MHz |
| 3dB Bandwidth | 19.20 | 19.27 | - | MHz |
| 40dB Bandwidth | - | 20.38 | 20.50 | MHz |
| Passband Ripple | - | 0.70 | 1.0 | dB |
| Group Delay Variation | - | 50 | 100 | nsec |
| Absolute Delay | - | 2.67 | - | µsec |
| Ultimate Rejection | 50 | 55 | - | dB |
| Substrate Material | - | 128° 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-IF100.0M-D

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

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