

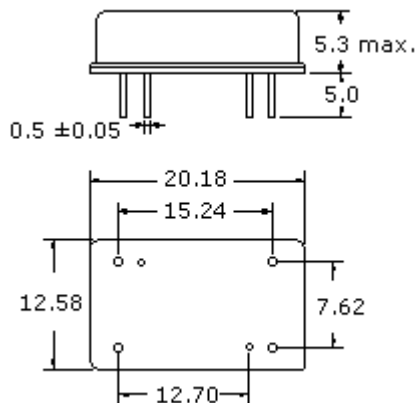
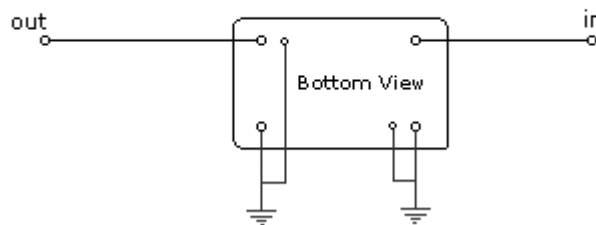
**Data Sheet**

Product Category: IF SAW Filter

Part Number
820-IF70.0M-EAPackage
20.2 x 12.6 Thru HoleApplication
Base Station & RepeaterLast Modified
May 24 2003**TYPE :**70.0 MHz Bandpass Filter
9.45 MHz Bandwidth**PART NUMBER :****820-IF70.0M-EA****OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

| PARAMETERS | Minimum | Typical | Maximum | Units |
|------------------------------|---------|---------|---------|-------|
| Center Frequency | 69.95 | 70.00 | 70.05 | MHz |
| Insertion Loss | - | 20.5 | 22.0 | dB |
| 1dB Bandwidth | 9.15 | 9.20 | - | MHz |
| 3dB Bandwidth | 9.45 | 9.50 | - | MHz |
| 40dB Bandwidth | - | 10.82 | 10.85 | MHz |
| 50dB Bandwidth | - | 10.95 | 11.00 | MHz |
| Passband Ripple | - | 0.60 | 1.0 | dB |
| Group Delay Variation | - | 70 | 150 | nsec |
| Absolute Delay | - | 2.330 | - | µsec |
| Ultimate Rejection | 50 | 55 | - | dB |
| Substrate Material | - | LN | - | - |

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

PACKAGE OUTLINE (mm)**TEST FIXTURE**No Matching Required
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.:** 820-IF70.0M-EA

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