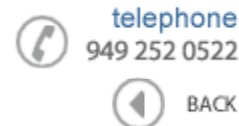


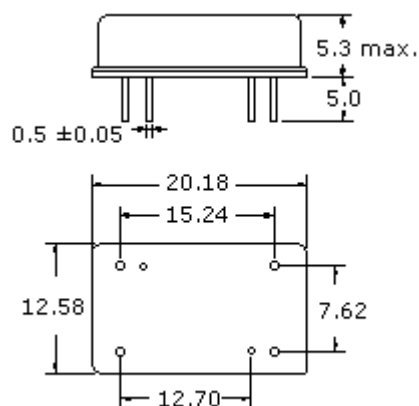
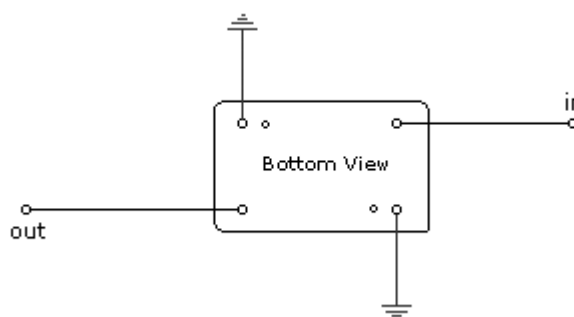
**Data Sheet**

Product Category: IF SAW Filter

Part Number
820-IF76.9M-APackage
20.2 x 12.6 Thru HoleApplication
Base Station & RepeaterLast Modified
May 24 2003**TYPE :**76.9 MHz Bandpass Filter
3.70 MHz Bandwidth**PART NUMBER :****820-IF76.9M-A****OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

| PARAMETERS | Minimum | Typical | Maximum | Units |
|------------------------------|---------|---------|---------|-------|
| Center Frequency | 76.84 | 76.90 | 76.96 | MHz |
| Insertion Loss | - | 27.8 | 30.0 | dB |
| 3dB Bandwidth | 3.70 | 3.85 | - | MHz |
| 40dB Bandwidth | - | 5.30 | 5.50 | MHz |
| Passband Ripple | - | 0.40 | 1.0 | dB |
| Group Delay Variation | - | 60 | 100 | nsec |
| Ultimate Rejection | - | 50 | - | 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-IF76.9M-A