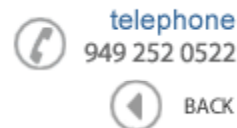


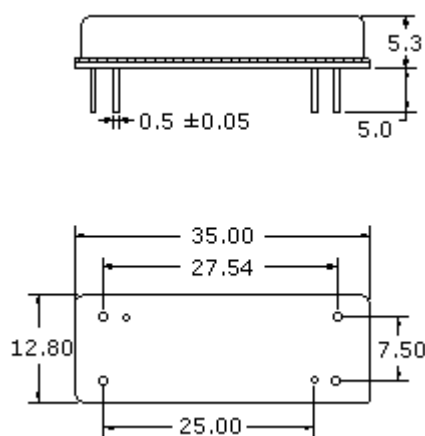
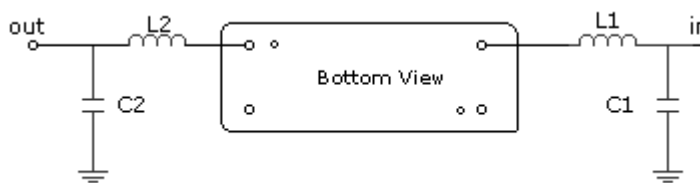
**Data Sheet**

Product Category: IF SAW Filter

Part Number  
**835-IF65.0M-D**Package  
**35.0 x 12.8 Thru Hole**Application  
**Base Station & Repeater**Last Modified  
**May 30 2003****TYPE :**65.0 MHz Bandpass Filter  
19.30 MHz Bandwidth**PART NUMBER :****835-IF65.0M-D****OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

| PARAMETERS            | Minimum | Typical | Maximum | Units |
|-----------------------|---------|---------|---------|-------|
| Center Frequency      | 64.92   | 65.00   | 65.08   | MHz   |
| Insertion Loss        | -       | 24.5    | 26.0    | dB    |
| 1dB Bandwidth         | 19.10   | 19.30   | -       | MHz   |
| 3dB Bandwidth         | 19.30   | 19.60   | -       | MHz   |
| 40dB Bandwidth        | -       | 20.80   | 20.90   | MHz   |
| Passband Ripple       | -       | 0.6     | 1.0     | dB    |
| Group Delay Variation | -       | 70      | 120     | nsec  |
| Absolute Delay        | -       | 2.87    | -       | µsec  |
| 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 = 220nH      C1 = 36pF  
 L2 = 220nH      C2 = 43pF  
 Source/Load Impedance = 50 ohms

**Part No.:** 835-IF65.0M-D

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

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