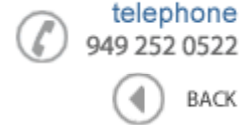




Data Sheet



Product Category: IF SAW Filter

Part Number
813-IF140.0M-GPackage
13.3 x 6.5 SMDApplication
Base Station & RepeaterLast Modified
May 30 2003

TYPE :

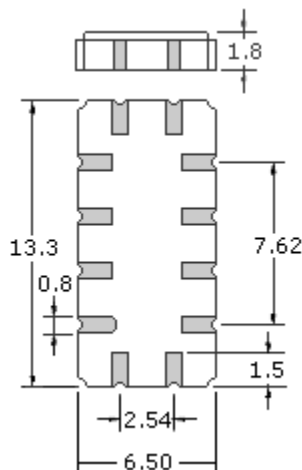
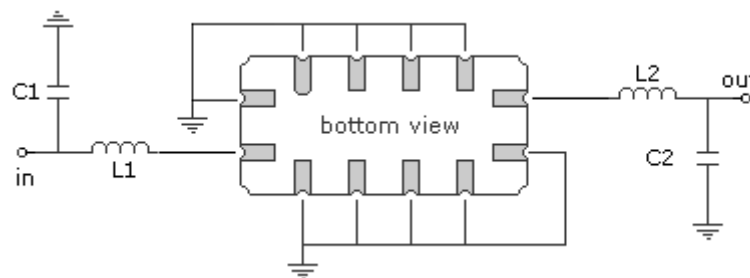
140.0 MHz Bandpass Filter
9.6 MHz Bandwidth

PART NUMBER :

813-IF140.0M-G**OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

| PARAMETERS | Minimum | Typical | Maximum | Units |
|---|---------|---------|---------|-------|
| Center Frequency | - | 140.0 | - | MHz |
| Insertion Loss | - | 21.5 | 23.0 | dB |
| 1dB Bandwidth | 8.8 | 9.0 | - | MHz |
| 3dB Bandwidth | 9.6 | 9.8 | - | MHz |
| 40dB Bandwidth | - | 12.0 | 12.5 | MHz |
| Passband Ripple (Fo \pm 4.0MHz) | - | 0.85 | 1.2 | dB |
| Group Delay Variation (Fo \pm 4.0MHz) | - | 70 | 150 | nsec |
| Ultimate Rejection | 40 | 42 | - | dB |
| Temperature Coefficient | - | -18 | - | ppm/K |

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

PACKAGE OUTLINE (mm)**TEST FIXTURE**

L1 = 33nH C1 = 43pF
 L2 = 47nH C2 = 33pF
 Source/Load Impedance = 50 ohms

Oscilent Corporation - CALL 949.252.0522

Part No.: 813-IF140.0M-G

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