



**Data Sheet**



Product Category: IF SAW Filter

Part Number: 835-IF100.0M-D      Package: 35.0 x 12.8 Thru Hole      Application: Base Station & Repeater      Last Modified: May 30 2003

TYPE :  
100.0 MHz Bandpass Filter  
19.20 MHz Bandwidth

PART NUMBER :  
**835-IF100.0M-D**

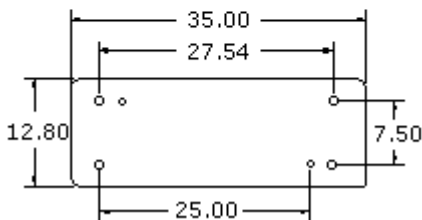
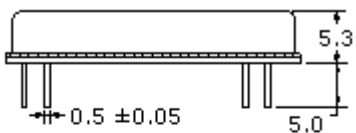


**OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

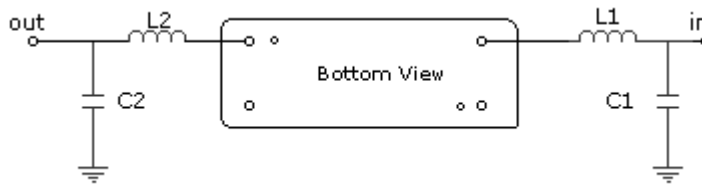
PARAMETERS	Minimum	Typical	Maximum	Units
Center Frequency	-	100.00	-	MHz
Insertion Loss	-	25.0	30.0	dB
1dB Bandwidth	18.90	19.00	-	MHz
3dB Bandwidth	19.20	19.27	-	MHz
40dB Bandwidth	-	20.38	20.50	MHz
Passband Ripple	-	0.70	1.0	dB
Group Delay Variation	-	50	100	nsec
Absolute Delay	-	2.67	-	µsec
Ultimate 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**



L1 = 47nH      C1 = 36pF  
L2 = 47nH      C2 = 27pF  
Source/Load Impedance = 50 ohms

**Part No.:** 835-IF100.0M-D

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

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