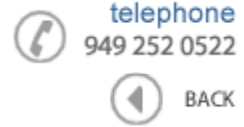




Data Sheet



Product Category: IF SAW Filter

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

TYPE :
100.0 MHz Bandpass Filter
19.00 MHz Bandwidth

PART NUMBER :
835-IF100.0M-F

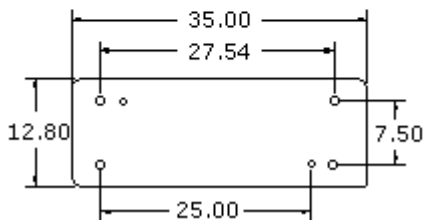
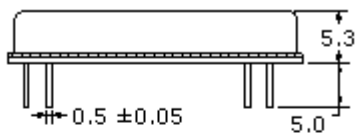


OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

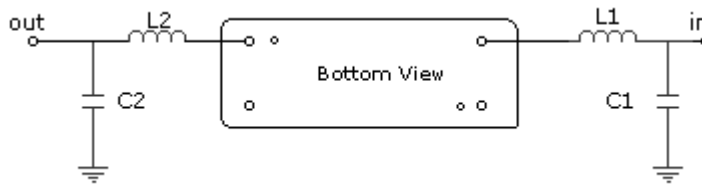
PARAMETERS	Minimum	Typical	Maximum	Units
Center Frequency	99.91	100.00	100.09	MHz
Insertion Loss	-	24.5	27.0	dB
1dB Bandwidth	18.70	18.75	-	MHz
3dB Bandwidth	19.0	19.05	-	MHz
40dB Bandwidth	-	20.15	20.20	MHz
Passband Ripple	-	0.90	1.2	dB
Group Delay Variation	-	50	100	nsec
Absolute Delay	-	2.70	-	µsec
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 = 62pF
L2 = 47nH C2 = 8pF
Source/Load Impedance = 50 ohms

Part No.: 835-IF100.0M-F

Oscilent Corporation - CALL **949.252.0522**

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Fax: 949.252.0599 . E-Mail: Sales@Oscilent.com

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