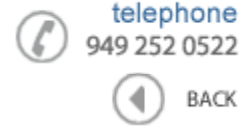




Data Sheet



Product Category: IF SAW Filter

Part Number: 835-IF70.0M-DA Package: 35.0 x 12.8 Thru Hole Application: Base Station & Repeater Last Modified: May 24 2003

TYPE :
70.0 MHz Bandpass Filter
26.25 MHz Bandwidth

PART NUMBER :
835-IF70.0M-DA

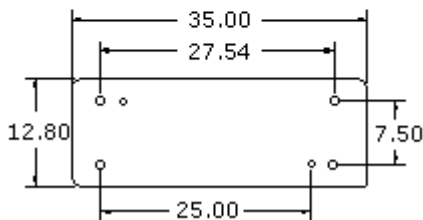
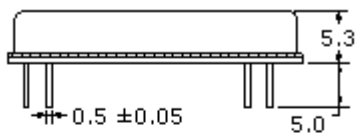


OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

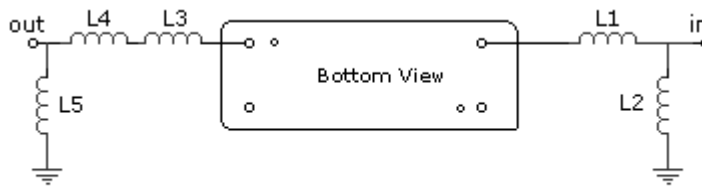
PARAMETERS	Minimum	Typical	Maximum	Units
Center Frequency	69.93	70.00	70.07	MHz
Insertion Loss	-	24.2	25	dB
1dB Bandwidth	25.5	25.65	-	MHz
3dB Bandwidth	26.1	26.25	-	MHz
40dB Bandwidth	-	28.45	28.7	MHz
Passband Ripple	-	0.70	1.0	dB
Group Delay Variation	-	42	70	nsec
Absolute Delay	-	1.876	-	µsec
Ultimate 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 = 56nH L4 = 33nH
L2 = 120nH L5 = 180nH
L3 = 56nH
Source/Load Impedance = 50 ohms

Part No.: 835-IF70.0M-DA

Oscilent Corporation - CALL **949.252.0522**

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

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