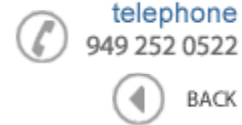


**Data Sheet**

Product Category: IF SAW Filter

Part Number
835-IF70.0M-KPackage
35.0 x 12.8 Thru HoleApplication
Base Station & RepeaterLast Modified
May 24 2003**TYPE :**

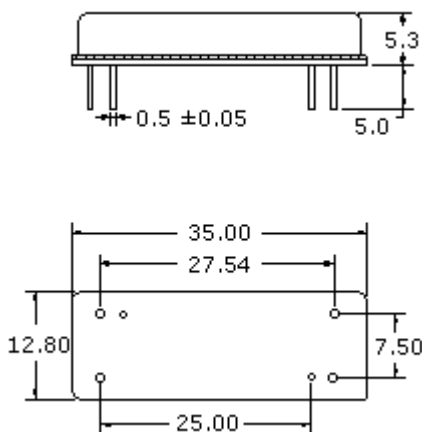
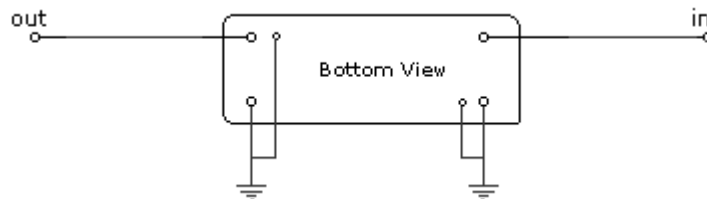
70.0 MHz Bandpass Filter

9.45 MHz Bandwidth

PART NUMBER :**835-IF70.0M-K****OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

PARAMETERS	Minimum	Typical	Maximum	Units
Center Frequency	69.95	70.00	70.05	MHz
Insertion Loss	-	28.5	30.0	dB
1dB Bandwidth	9.25	9.32	-	MHz
3dB Bandwidth	9.45	9.52	-	MHz
40dB Bandwidth	-	10.28	10.35	MHz
50dB Bandwidth	-	10.35	10.40	MHz
Passband Ripple	-	0.65	1.0	dB
Group Delay Variation	-	70	150	nsec
Absolute Delay	-	4.40	-	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**

No Matching Required
Source/Load Impedance = 50 ohms

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

Oscilent Corporation - CALL **949.252.0522**

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