

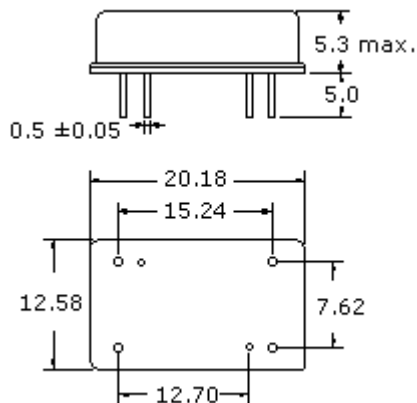
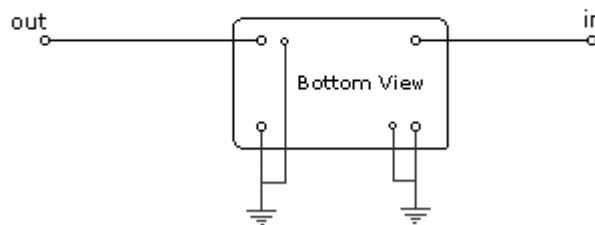
**Data Sheet**

Product Category: IF SAW Filter

Part Number
820-IF70.0M-EAPackage
20.2 x 12.6 Thru HoleApplication
Base Station & RepeaterLast Modified
May 24 2003**TYPE :**70.0 MHz Bandpass Filter
9.45 MHz Bandwidth**PART NUMBER :****820-IF70.0M-EA****OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

PARAMETERS	Minimum	Typical	Maximum	Units
Center Frequency	69.95	70.00	70.05	MHz
Insertion Loss	-	20.5	22.0	dB
1dB Bandwidth	9.15	9.20	-	MHz
3dB Bandwidth	9.45	9.50	-	MHz
40dB Bandwidth	-	10.82	10.85	MHz
50dB Bandwidth	-	10.95	11.00	MHz
Passband Ripple	-	0.60	1.0	dB
Group Delay Variation	-	70	150	nsec
Absolute Delay	-	2.330	-	µsec
Ultimate Rejection	50	55	-	dB
Substrate Material	-	LN	-	-

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

PACKAGE OUTLINE (mm)**TEST FIXTURE**No Matching Required
Source/Load Impedance = 50 ohms**Oscilent Corporation** - CALL **949.252.0522**17962 Sky Park Circle, Building D, Irvine, CA 92614, USA
Fax: 949.252.0599, E-Mail: Sales@Oscilent.com**Part No.:** 820-IF70.0M-EA

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