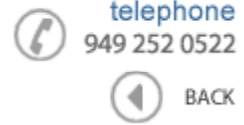




Data Sheet



Product Category: IF SAW Filter

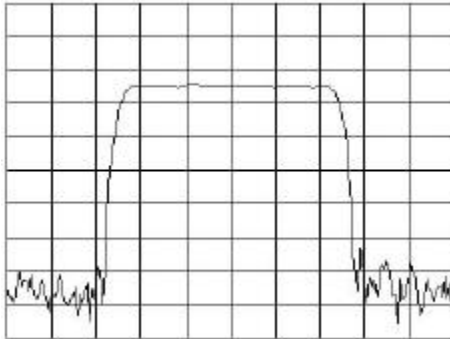
Part Number	Package	Application	Last Modified
820-IF70.0M-B	20.2 x 12.6 Thru Hole	Base Station & Repeater	Jan. 01, 2007

TYPE :
70.0 MHz Bandpass Filter
9.5 MHz Bandwidth

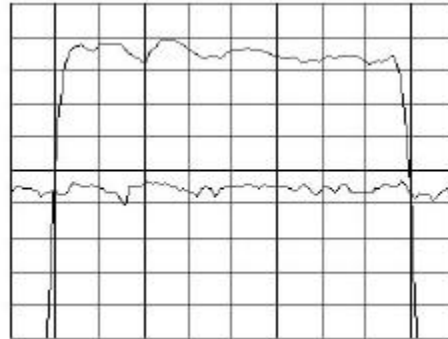
PART NUMBER :
820-IF70.0M-B



FREQUENCY CHARACTERISTICS



Horizontal : 2.0 MHz/Div
Vertical : 10 dB/Div



Horizontal : 1.2 MHz/Div
Vertical : 1.0 dB/Div
Vertical : 100 ns/Div

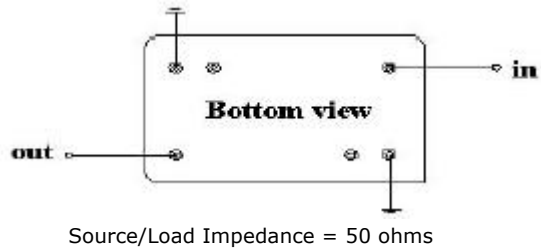
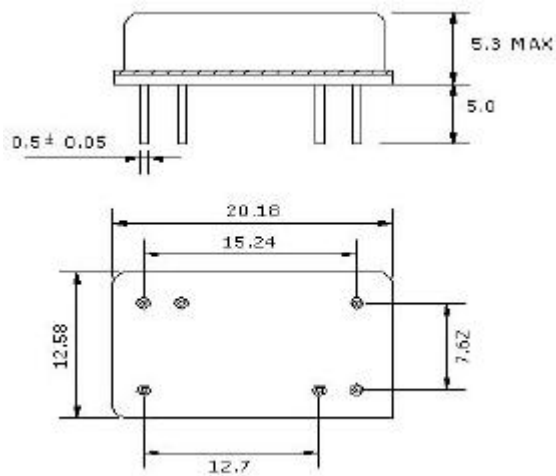
OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

PARAMETERS	Minimum	Typical	Maximum	Units
Center Frequency	69.94	70	70.06	MHz
Insertion Loss	-	26.0	29.0	dB
1dB Bandwidth	8.9	9.1	-	MHz
3dB Bandwidth	9.2	9.5	-	MHz
40dB Bandwidth	-	10.98	11.0	MHz
Passband Ripple	-	0.78	1.0	dB
Group Delay Variation	-	80	100	nsec
Absolute Delay	-	2.45	-	µsec
Ultimate Rejection	50	60	-	dB
Substrate Material	-	YZ-LN	-	-
Ambient Temperature	-	25	-	°C

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

PACKAGE OUTLINE (mm)

TEST FIXTURE



Oscilent Corporation - CALL **949.252.0522**

Part No.: 820-IF70.0M-B

18195 East McDermott Street , Building D , Irvine , CA 92614 , USA
Fax: 949.252.0599 , E-Mail: Sales@Oscilent.com