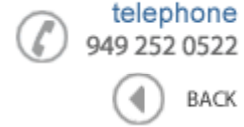




Data Sheet



Product Category: IF SAW Filter

Part Number
820-IF78.6M-A

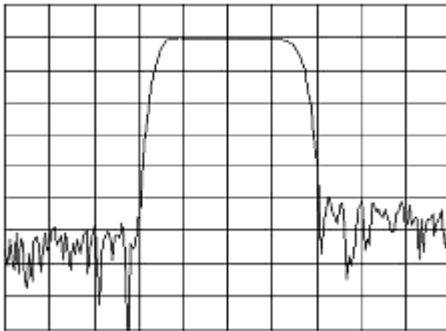
Package
20.2 x 12.6 Thru Hole

Application
Base Station & Repeater

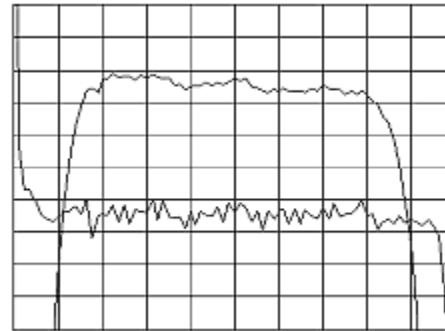
Last Modified
May 02 2003

TYPE :
78.6 MHz Bandpass Filter
5.8 MHz Bandwidth

PART NUMBER :
820-IF78.6M-A



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



Horizontal : 0.8 MHz/Div
Vertical : 1 dB/Div
Vertical : 100 ns/Div

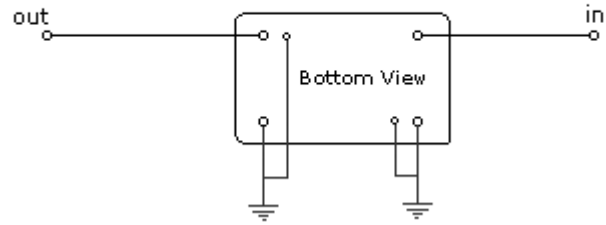
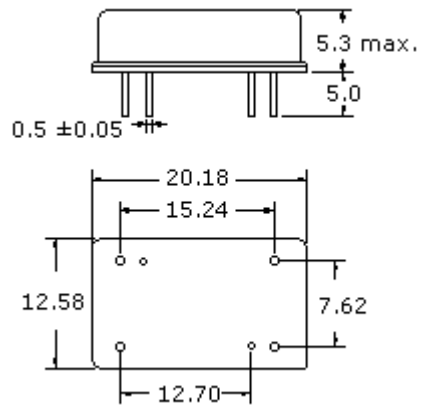
OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

PARAMETERS	Minimum	Typical	Maximum	Units
Center Frequency	78.55	78.60	78.65	MHz
Insertion Loss	-	18.1	21.0	dB
1dB Bandwidth	5.3	5.4	-	MHz
3dB Bandwidth	5.8	6.0	-	MHz
40dB Bandwidth	-	7.87	8.0	MHz
Passband Ripple	-	0.7	1.0	dB
Group Delay Variation	-	155	200	nsec
Absolute Delay	-	2.10	-	µsec
Ultimate Rejection	50	55	-	dB
Substrate Material	-	YZ-LN	-	-
Ambient Temperature	-	25	-	°C

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

PACKAGE OUTLINE (mm)

TEST FIXTURE



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-IF78.6M-A

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