



Data Sheet

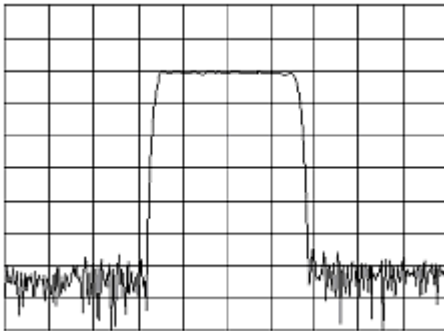
telephone
949 252 0522
BACK

Product Category: IF SAW Filter

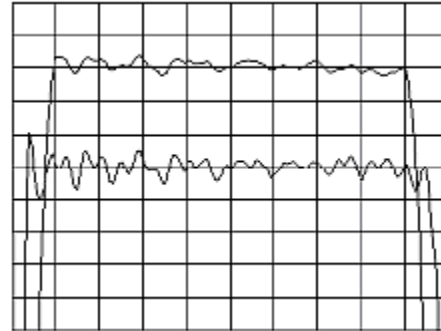
Part Number: 820-IF140.0M-C Package: 20.2 x 12.6 Thru Hole Application: Base Station & Repeater Last Modified: May 30 2003

TYPE :
140.0 MHz Bandpass Filter
25.0 MHz Bandwidth

PART NUMBER :
820-IF140.0M-C



Horizontal : 8.0 MHz/Div
Vertical : 10 dB/Div



Horizontal : 3.0 MHz/Div
Vertical : 1 dB/Div
Vertical : 20 ns/Div

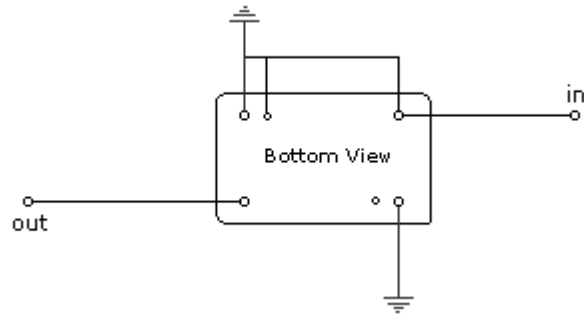
OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

PARAMETERS	Minimum	Typical	Maximum	Units
Center Frequency	139.9	140.0	140.1	MHz
Insertion Loss	-	26.5	28.0	dB
1dB Bandwidth	24.3	24.8	-	MHz
3dB Bandwidth	25.0	25.5	-	MHz
40dB Bandwidth	-	28.6	30.0	MHz
Passband Ripple	-	0.5	1.0	dB
Group Delay Variation	-	20	50	nsec
Absolute Delay	-	1.20	-	µsec
Ultimate Rejection	50	60	-	dB
Substrate Material	-	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**

Part No.: 820-IF140.0M-C

17962 Sky Park Circle, Building D, Irvine, CA 92614, USA
 Fax: 949.252.0599, E-Mail: Sales@Oscilent.com

Crystal Oscillators | Quartz Crystal | TCXO | VCXO | IF SAW Filter | RF SAW Filter | Ceramic Resonator
 Crystal Filter | Ceramic Filter | SAW Filter / SAW Devices | Site Map