



Data Sheet

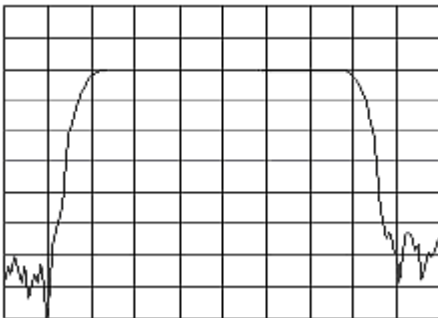


Product Category: IF SAW Filter

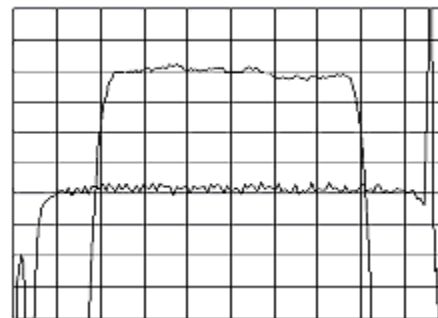
Part Number: 820-IF140.0M-B Package: 20.2 x 12.6 Thru Hole Application: Base Station & Repeater Last Modified: May 30 2003

TYPE :
140.0 MHz Bandpass Filter
12.0 MHz Bandwidth

PART NUMBER :
820-IF140.0M-B



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



Horizontal : 2.0 MHz/Div
Vertical : 1 dB/Div
Vertical : 100 ns/Div

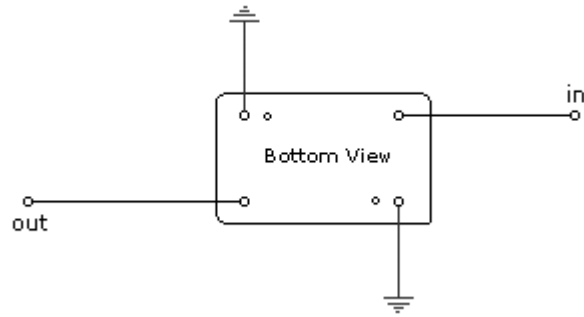
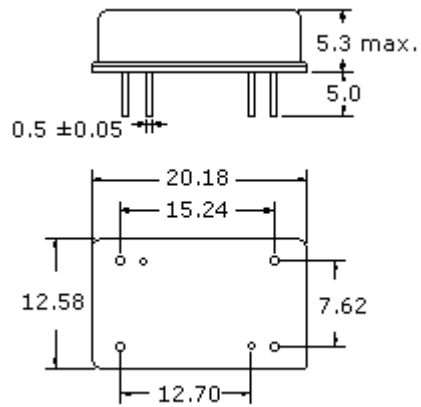
OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

PARAMETERS	Minimum	Typical	Maximum	Units
Center Frequency	139.9	140.0	140.1	MHz
Insertion Loss	-	22.3	25.0	dB
1dB Bandwidth	11.2	11.6	-	MHz
3dB Bandwidth	12.0	12.24	-	MHz
40dB Bandwidth	-	14.56	15.0	MHz
Passband Ripple	-	0.57	0.75	dB
Group Delay Variation	-	45	90	nsec
Absolute Delay	-	1.62	-	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



Oscilent Corporation - CALL **949.252.0522**

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

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