



Data Sheet

telephone
 949 252 0522
 BACK

Product Category: IF SAW Filter

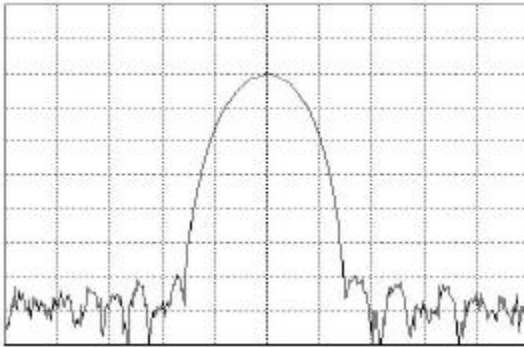
Part Number	Package	Application	Last Modified
820-IF63.0M-B	20.2 x 12.6 Thru Hole	Base Station & Repeater	Jan. 01, 2007

TYPE :
 63.0 MHz Bandpass Filter
 400 kHz Bandwidth

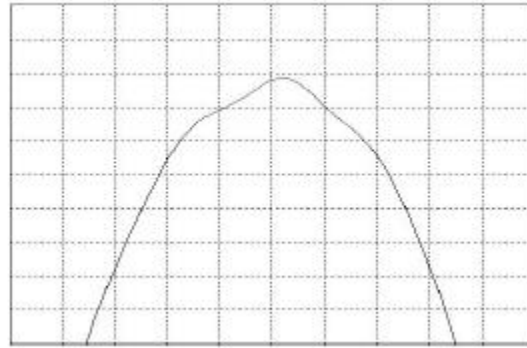
PART NUMBER :
820-IF63.0M-B



FREQUENCY CHARACTERISTICS



Horizontal : 500 kHz/Div
 Vertical : 10 dB/Div



Horizontal : 100 kHz/Div
 Vertical : 1 dB/Div

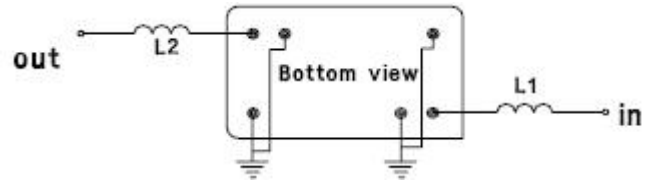
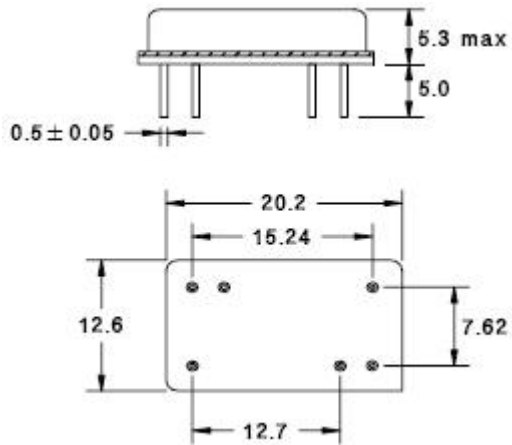
OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

PARAMETERS	Minimum	Typical	Maximum	Units
Center Frequency (Fo)	-	63.0	-	MHz
Insertion Loss at Fo	-	14.2	15.0	dB
3dB Bandwidth	Fo +/-200	Fo +/-225	-	kHz
55dB Bandwidth	-	Fo +/-750	Fo +/-800	kHz
Passband Ripple at Fo +/-100kHz	-	1.0	2.0	dB
Spurious Attenuation	55	57	-	dB
Operating Temperature Range	-55	-	+85	°C
Ultimate Attenuation	60	65	-	dB
Substrate Material	-	Quartz	-	-
Storage Temperature Range	-55	-	+85	°C

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

PACKAGE OUTLINE (mm)

TEST FIXTURE



L1 = 270nH

L2 = 270nH

PKG Ground for best Spurious Levels

Source/Load Impedance = 50 ohms

Oscilent Corporation - CALL **949.252.0522**

Part No.: 820-IF63.0M-B

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