OSCILENT Corporation **Data Sheet**

telephone
949 252 0522

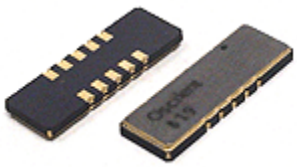
BACK

Product Category: IF SAW Filter

Part Number	Package	Application	Last Modified
819-IF160.0M-F	19 x 6.5 SMD	Base Station, Repeater, HDR, IMT-2000	May 30 2003

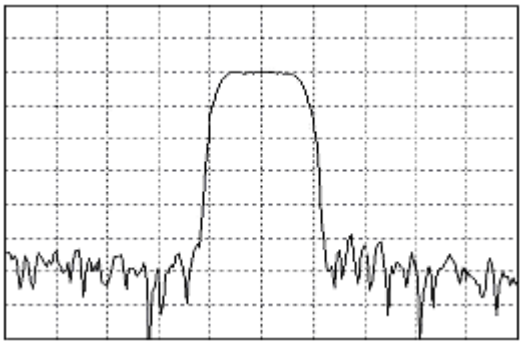
TYPE :

160.0 MHz Bandpass Filter
1.26 MHz Bandwidth

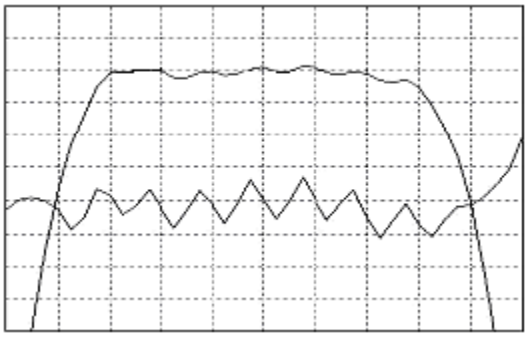


PART NUMBER :

819-IF160.0M-F



Horizontal : 1.0 MHz/Div
Veritical : 10 dB/Div



Horizontal : 0.2 MHz/Div
Veritical : 1 dB/Div
Veritical : 100 ns/Div

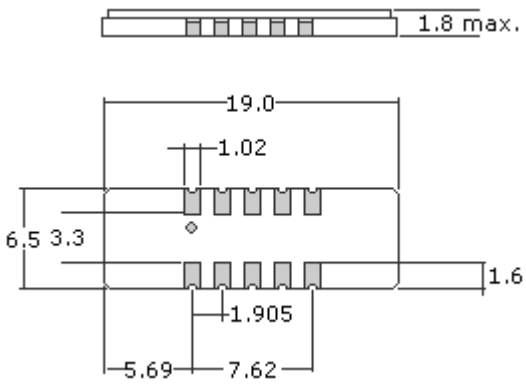
OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

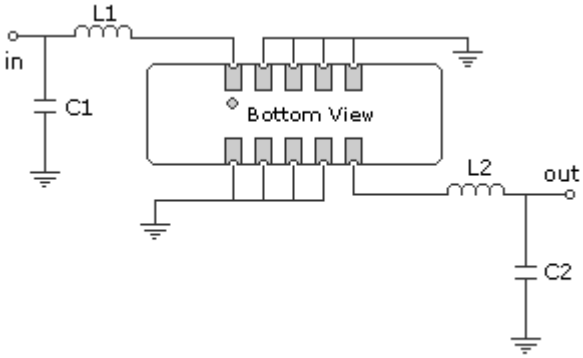
PARAMETERS	Minimum	Typical	Maximum	Units
Center Frequency	159.95	160.0	160.05	MHz
Insertion Loss	-	17.0	21.0	dB
1.5dB Bandwidth	1.26	1.37	-	MHz
35dB Bandwidth	-	2.25	2.40	MHz
40dB Bandwidth	-	2.38	2.50	MHz
Passband Ripple	-	0.53	0.75	dB
Group Delay Variation	-	180	220	nsec
Absolute Delay	-	2.5	-	µsec
Ultimate Rejection	50	55	-	dB
Substrate Material	-	Quartz	-	-
Ambient Temperature	-	25	-	°C
Phase Linearity	-	2.7	3.0	deg

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

PACKAGE OUTLINE (mm)

TEST FIXTURE





L1 = 68nH L2 = 47nH
C1 = 39pF C2 = 27pF
Source/Load Impedance = 50 ohms

Part No.: 819-IF160.0M-F

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

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