



**Data Sheet**



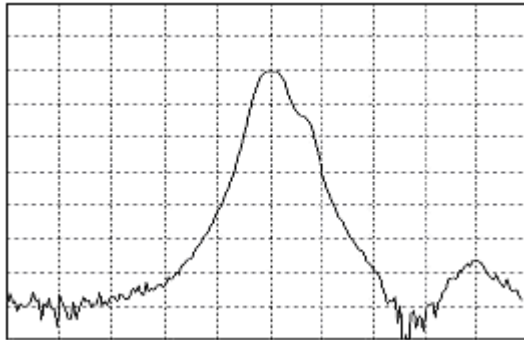
Product Category: IF SAW Filter

Part Number	Package	Application	Last Modified
819-IF100.1M-A	19 x 6.5 SMD	Base Station, Repeater, HDR, IMT-2000	May 30 2003

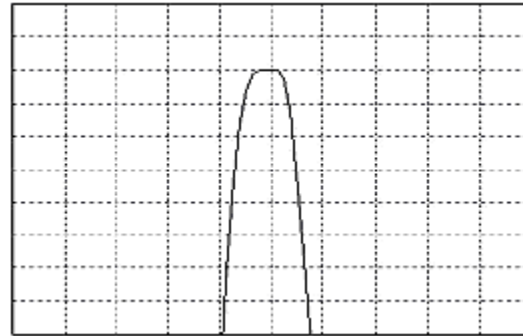
TYPE :  
 100.1 MHz Bandpass Filter  
 40.0 KHz Bandwidth



PART NUMBER :  
**819-IF100.1M-A**



Horizontal : 0.05 MHz/Div  
 Vertical : 10 dB/Div



Horizontal : 0.02 MHz/Div  
 Vertical : 1 dB/Div

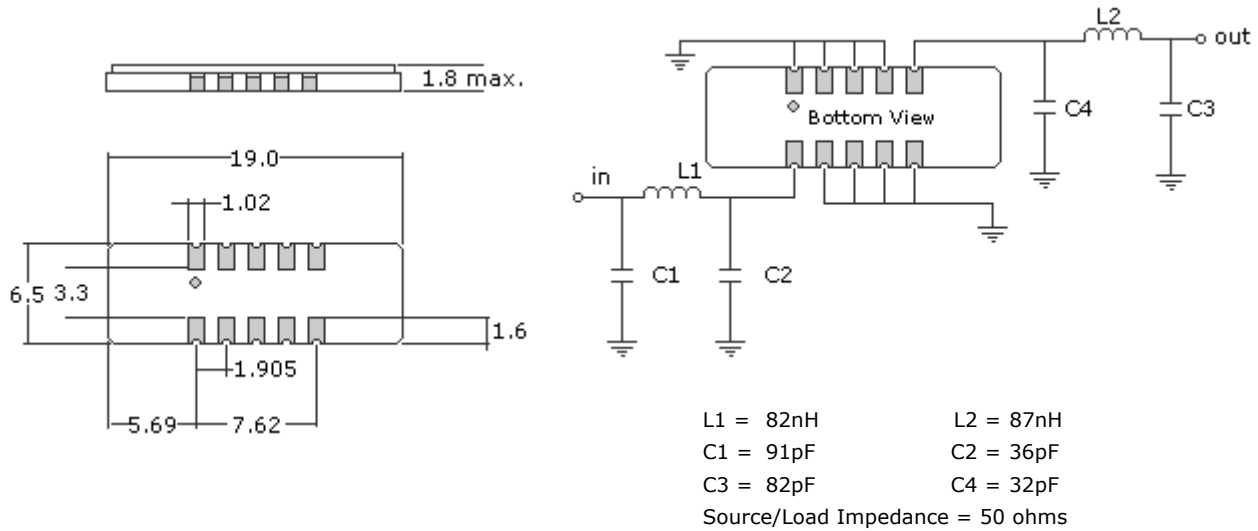
**OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

PARAMETERS	Minimum	Typical	Maximum	Units
Center Frequency	-	100.1	-	MHz
Insertion Loss	-	6.5	9.0	dB
1dB Bandwidth	30.0	34.0	-	KHz
3dB Bandwidth	40.0	52.0	-	KHz
40dB Bandwidth	-	147.0	200.0	KHz
Passband Ripple	-	0.25	0.6	dB
Group Delay Variation	-	2.2	2.7	nsec
Absolute Delay	-	17.8	-	µsec
Ultimate Rejection	50	60	-	dB
Substrate Material	-	Quartz	-	-
Ambient Temperature	-	25	-	°C

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

**PACKAGE OUTLINE (mm)**

**TEST FIXTURE**



**Oscilent Corporation** - CALL **949.252.0522**

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**Part No.:** 819-IF100.1M-A

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