



Data Sheet


 telephone
 949 252 0522


BACK

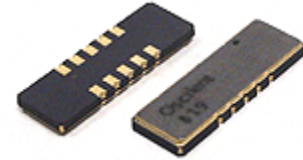
Product Category: IF SAW Filter

Part Number	Package	Application	Last Modified
819-IF70.0M-RA	19 x 6.5 SMD	Bandpass Filter	Jan. 01, 2007

TYPE :

70.0 MHz Bandpass Filter

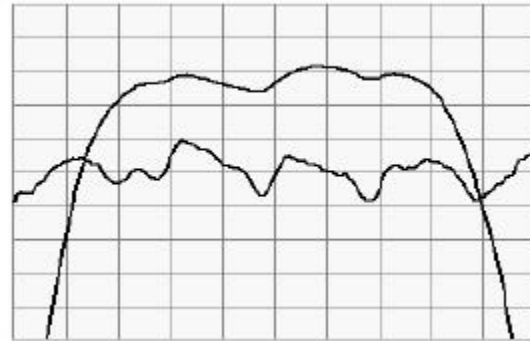
1.26 MHz Bandwidth



PART NUMBER :

819-IF70.0M-RA

FREQUENCY CHARACTERISTICS


 Horizontal : 0.5 MHz/Div
 Vertical : 10 dB/Div

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

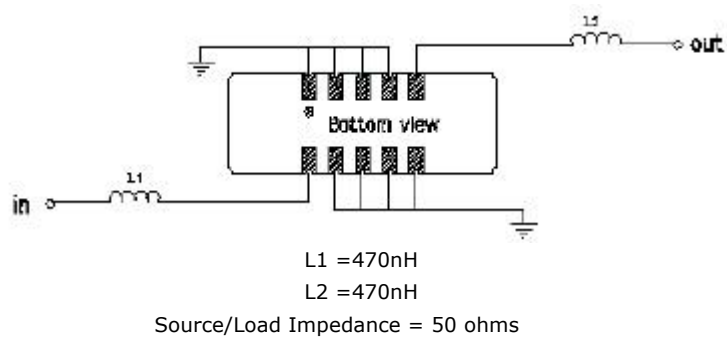
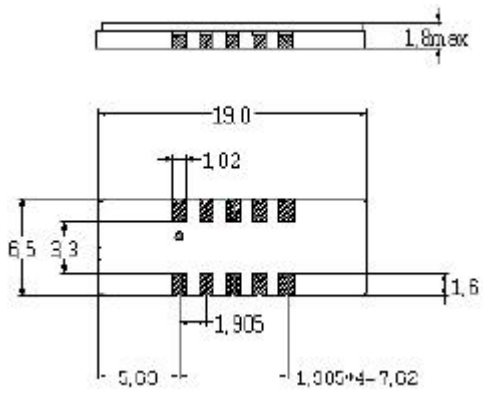
OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

PARAMETERS	Minimum	Typical	Maximum	Units
Center Frequency	69.97	70.0	70.03	MHz
Insertion Loss	-	20.0	22.0	dB
1dB Bandwidth	1.26	1.30	-	MHz
Attenuation at Fo+/-1.25MHz	40	45	-	MHz
Attenuation at Fo+/-1.70MHz	40	45	-	dB
40dB Bandwidth	-	2.36	2.36	MHz
Passband Ripple at Fo+/-0.5MHz	-	0.8	1.0	dB
Phase Linearity	-	1.54	2.00	deg/rms
Group Delay Variation	-	250	500	nsec
Absolute Delay	-	2.6	-	µsec
Ultimate Rejection	40	50	-	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**

Part No.: 819-IF70.0M-RA

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