



Data Sheet



Product Category: IF SAW Filter

Part Number	Package	Application	Last Modified
813-IF71.25M-A	13.3 x 6.5 SMD	Base Station & Repeater	Jan. 01, 2007

TYPE :

71.25 MHz Bandpass Filter

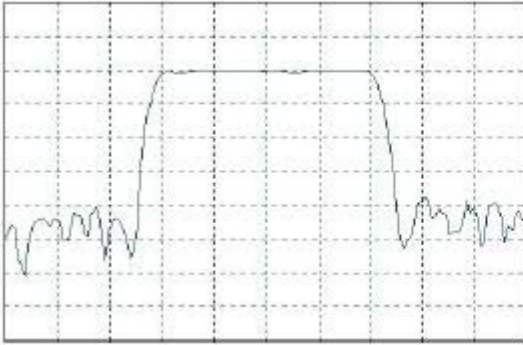
12.1 MHz Bandwidth



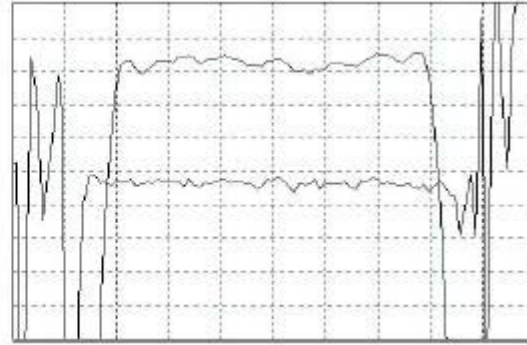
PART NUMBER :

813-IF71.25M-A

FREQUENCY RESPONSE



Horizontal : 3.0 MHz/Div
Vertical : 10 dB/Div



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

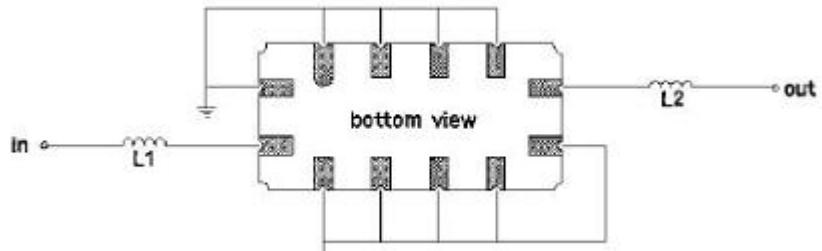
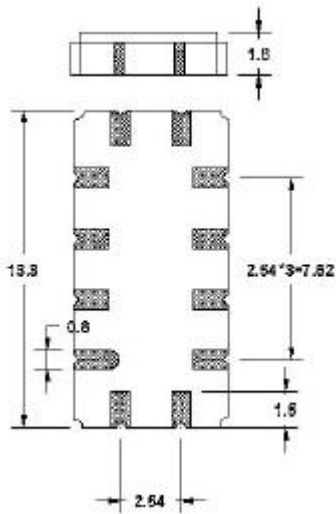
OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

PARAMETERS	Minimum	Typical	Maximum	Units
Center Frequency	71.20	71.25	71.30	MHz
Insertion Loss	-	21.5	24.0	dB
1dB Bandwidth	11.6	12.0	-	MHz
3dB Bandwidth	12.1	12.5	-	MHz
40dB Bandwidth	-	14.9	15.4	MHz
Passband Ripple	-	0.7	1.0	dB
Group Delay Variation	-	50	100	nsec
Phase Linearity	-	5.7	7.0	deg
Substrate Material	-	LN	-	-
Ambient Temperature	-	25	-	°C

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

PACKAGE OUTLINE (mm)

TEST FIXTURE



L1 = 56nH - -
 L2 = 100nH - -
 Source/Load Impedance = 50 ohms

Oscilent Corporation - CALL **949.252.0522**

Part No.: 813-IF71.25M-A

18195 East McDermott Street , Building D , Irvine , CA 92614 , USA
 Fax: 949.252.0599 , E-Mail: Sales@Oscilent.com