



Data Sheet



Product Category: IF SAW Filter

Part Number	Package	Application	Last Modified
821-IF70.0M-HB	20 x9.8 SMD	70.0MHz IF SAW Filter	Jan. 01, 2007

TYPE :
70.0 MHz IF SAW Filter

PART NUMBER :
821-IF70.0M-HB



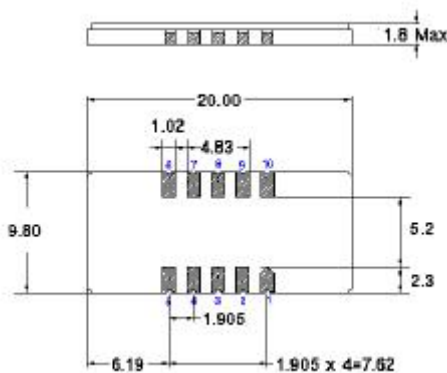
OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

PARAMETERS	Minimum	Typical	Maximum	Units
Center Frequency (Fo)	69.92	70.0	70.08	MHz
Insertion Loss	-	25.2	26.5	dB
Source Impedance (single ended)*	-	50	-	ohm
Load Impedance (single ended)*	-	50	-	ohm
Temperature Coefficient	-	-72	-	ppm/C
Amplitude Ripple within fo +/-12.49Mhz	-	0.7	1.0	dBp-p
1dB Bandwidth	-	26.0	-	MHz
3dB Bandwidth	26.4	26.5	-	MHz
40dB Bandwidth	-	28.3	28.8	MHz
Lower Sidelobe	50	-	-	dB
Upper Sidelobe	50	-	-	dB
Absolute Delay	-	2.0	-	µsec
Group Delay Variation fo +/-12.49 MHz	-	35	100	nsec

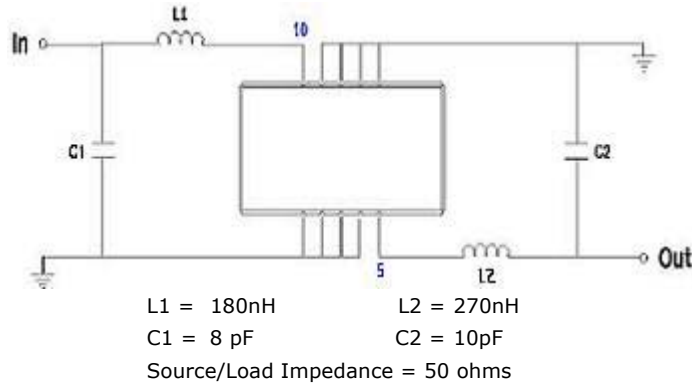
*With Matching Network (Ref. Testing Environment Circuit as shown below). Those impedances could be modified with different impedance values and/or structures, if necessary.

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

PACKAGE OUTLINE (mm)

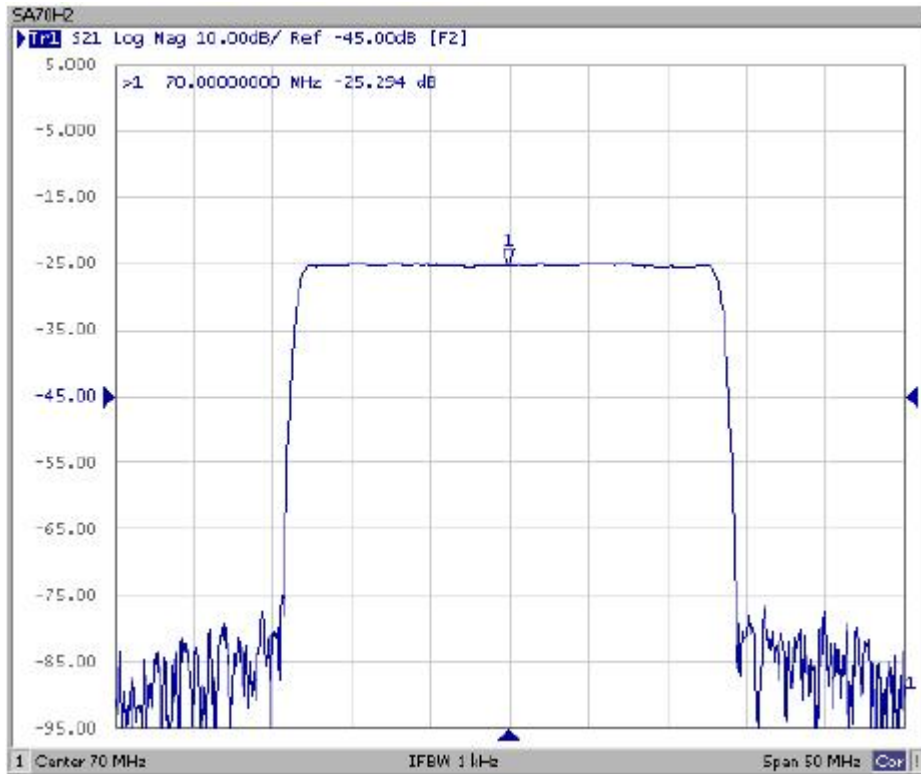


TEST FIXTURE



Pin Descriptions: IN-10, OUT-5, GROUND- 1,2,3,4,6,7,8,9

FREQUENCY RESPONSE



Oscilent Corporation - CALL **949.252.0522**

Part No.: 821-IF70.0M-HB

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