



Data Sheet



Product Category: IF SAW Filter

Part Number
809-IF85.38M-BPackage
9.1 x 4.8 SMDApplication
Mobile CommunicationLast Modified
May 22 2003

TYPE :

85.38 MHz Bandpass Filter
1.26 MHz Bandwidth

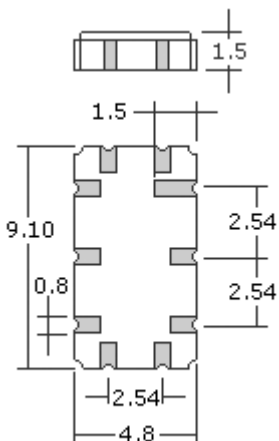
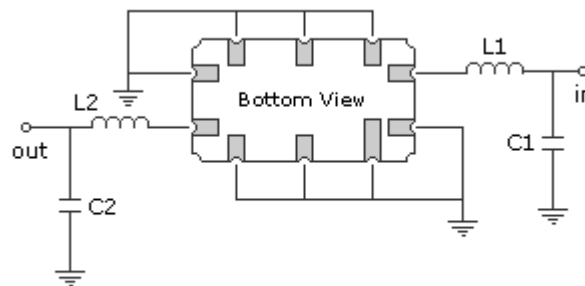
PART NUMBER :

809-IF85.38M-B**OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

PARAMETERS	Minimum	Typical	Maximum	Units
Center Frequency	-	85.38	-	MHz
Insertion Loss	-	10.7	12.0	dB
5dB Bandwidth	1.26	1.35	-	MHz
33dB Bandwidth	-	1.65	1.80	MHz
Attenuation at Fo - 0.9 MHz	35	45	-	dB
Attenuation at Fo + 0.9 MHz	35	43	-	dB
Attenuation at Fo ± 1.25 MHz	35	42	-	dB
Attenuation at Fo ± 1.7 MHz	35	43	-	dB
Input / Output Impedance	-	50	-	ohm
Passband Ripple	-	0.5	1.0	dB
Ultimate Rejection	35	40	-	dB
Substrate Material	-	Quartz	-	-
Ambient Temperature	-	25	-	°C
Operating Temperature	-30	-	+80	°C

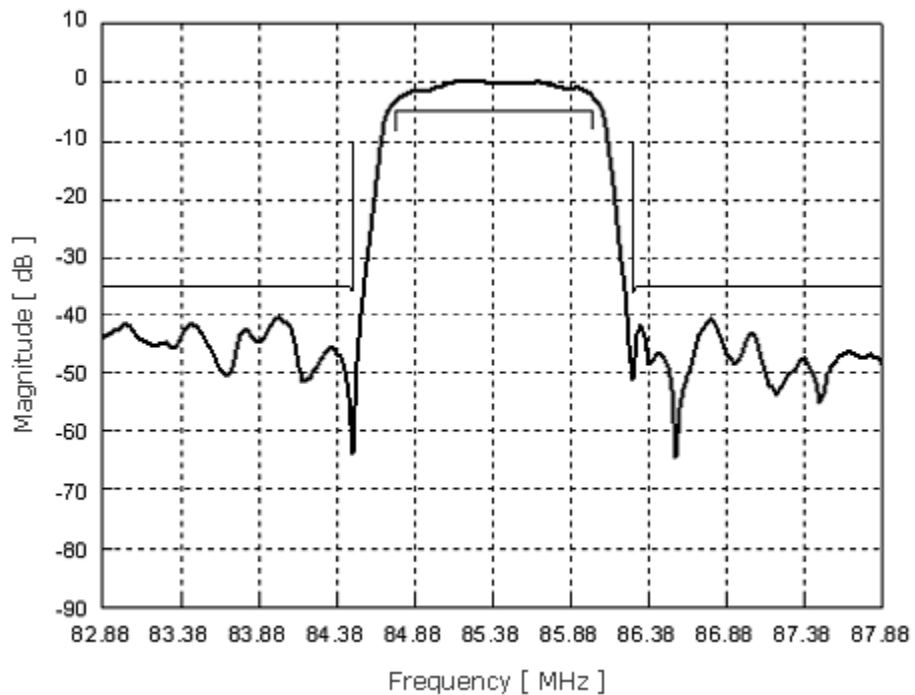
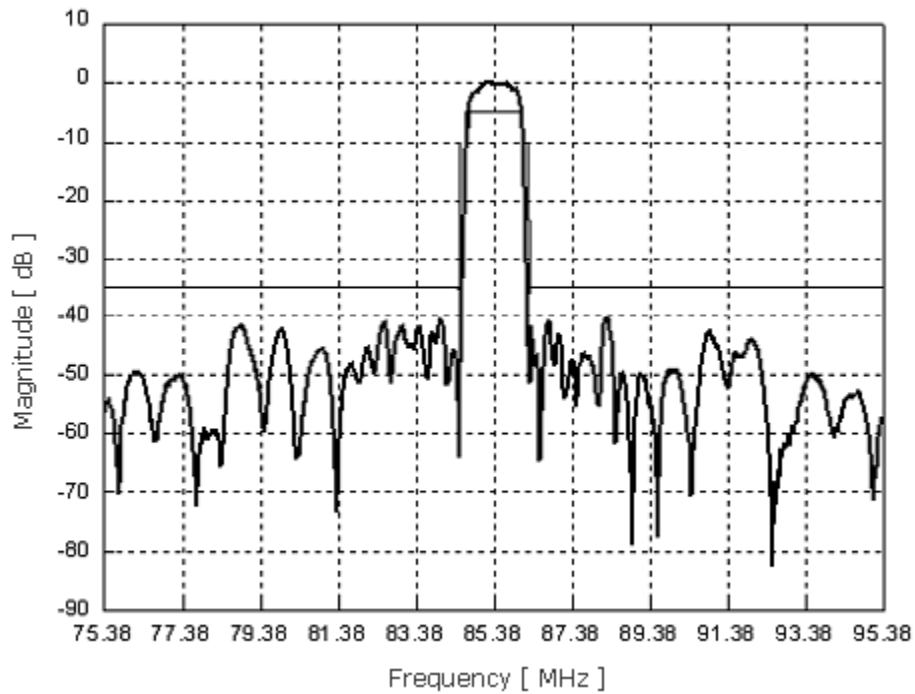
* All performance include Temperature Variations

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

PACKAGE OUTLINE (mm)**TEST FIXTURE**

L1 = 330nH L2 = 390nH
 C1 = 75pF C2 = 82pF
 Source/Load Impedance = 50 ohms

FREQUENCY RESPONSE



Oscilent Corporation - CALL **949.252.0522**

Part No.: 809-IF85.38M-B

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