



Data Sheet



Product Category: IF SAW Filter

Part Number
811-IF85.38M-A

Package
11.6 x 5.0 SMD

Application
Mobile Communication

Last Modified
June 17 2003

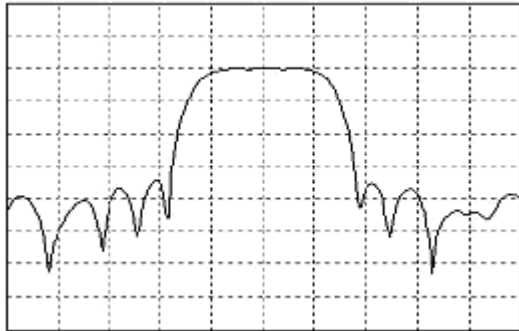
TYPE :

85.38 MHz Bandpass Filter
1.26 MHz Bandwidth

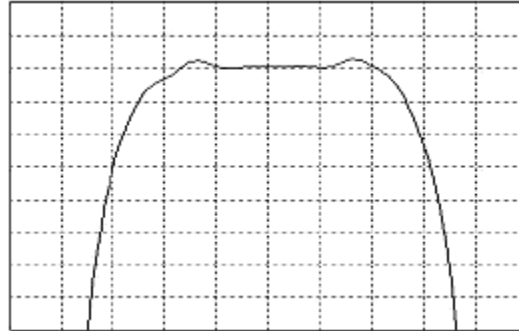


PART NUMBER :

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



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

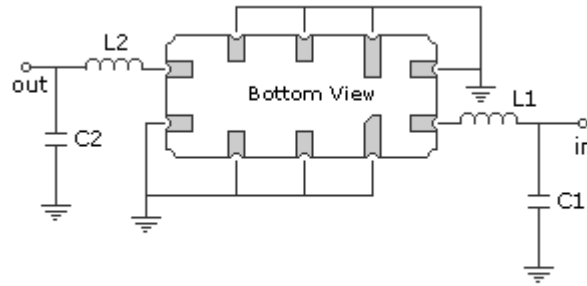
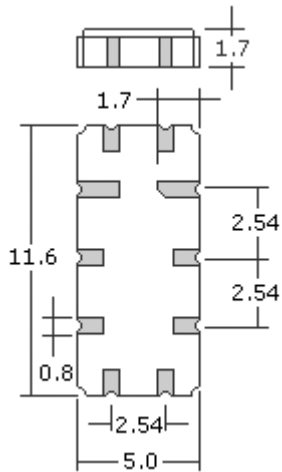
OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

PARAMETERS	Minimum	Typical	Maximum	Units
Center Frequency	85.36	85.38	85.40	MHz
Insertion Loss	-	10.95	12.5	dB
5dB Bandwidth	1.26	1.31	-	MHz
33dB Bandwidth	-	1.76	1.80	MHz
Attenuation at $F_o \pm 0.9$ MHz	33	38	-	dB
Attenuation at $F_o \pm 1.25$ MHz	33	47	-	dB
Attenuation at $F_o \pm 1.7$ MHz	33	43	-	dB
Passband Ripple	-	0.3	0.7	dB
Ultimate Rejection	35	42	-	dB
Substrate Material	-	Quartz	-	-
Ambient Temperature	-	25	-	°C

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

PACKAGE OUTLINE (mm)

TEST FIXTURE



L1 = 394.7nH L2 = 470nH
 C1 = 75pF C2 = 62pF
 Source/Load Impedance = 50 ohms

Oscilent Corporation - CALL **949.252.0522**

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