



Data Sheet



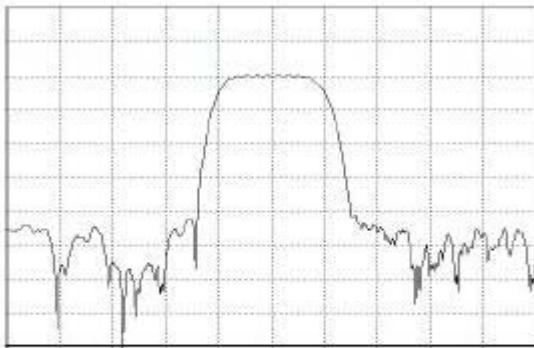
Product Category: IF SAW Filter

Part Number	Package	Application	Last Modified
813-SL70.0M-05	13.3 x 6.5mm SMD	Base Station & Repeater	Apr 18, 2007

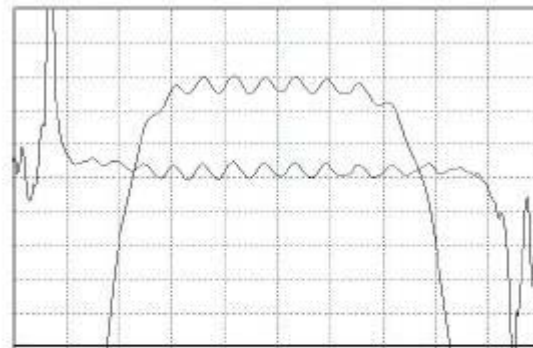
TYPE :
 70.0 MHz Bandpass Filter
 Low Loss
 5.2 MHz Bandwidth



PART NUMBER :
813-SL70.0M-05



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



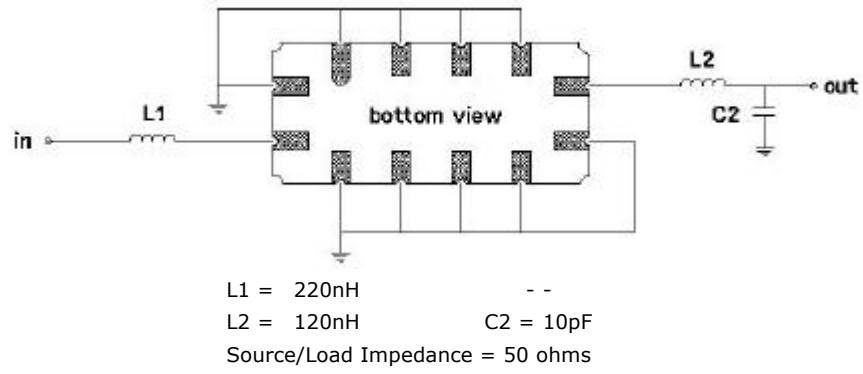
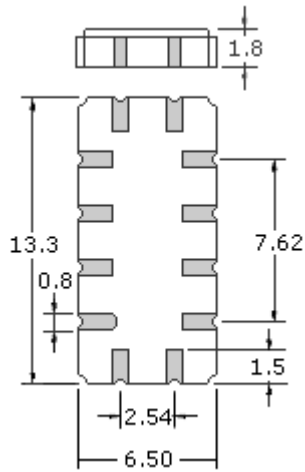
Horizontal : 1.0 MHz/Div
 Vertical : 1 dB/Div
 Vertical : 200 ns/Div

OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

PARAMETERS	Minimum	Typical	Maximum	Units
Center Frequency	69.8	70.00	70.2	MHz
Insertion Loss	-	8.5	9.2	dB
Source Impedance (single ended)*	-	50	-	ohm
Load Impedance (single ended)*	-	50	-	ohm
Bandwidth 1.0 dB	4.4	4.8	-	MHz
Bandwidth 3.0 dB	5.2	5.6	-	MHz
Bandwidth 35.0 dB	-	8.5	9.0	MHz
Passband Ripple	-	0.6	1.0	dB
Group Delay Variation	-	95	150	nsec
Absolute Delay	-	0.84	-	µsec
Substrate Material	-	YZ-LN	-	-
Ambient Temperature	-	25	-	°C
Ultimate Rejection	40	42	-	dB
Temperature Coefficient	-	-94	-	ppm/°C

PACKAGE OUTLINE (mm)

TEST FIXTURE



Oscilent Corporation - CALL **949.252.0522**

Part No.: 813-SL70.0M-05

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