



Part Number	Package	Application	Last Modified
813-IF62.5M-BC	13.3 x 6.5 SMD	Base Station & Repeater	Apr 18, 2007

TYPE :
62.5 MHz Bandpass Filter
Low Loss
20.85 MHz Bandwidth



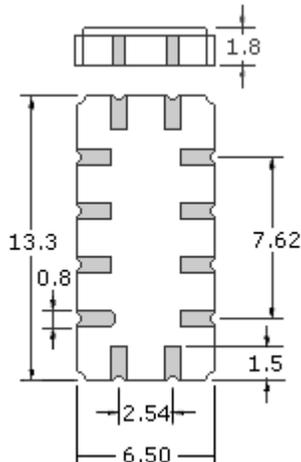
PART NUMBER :
813-IF62.5M-BC

OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

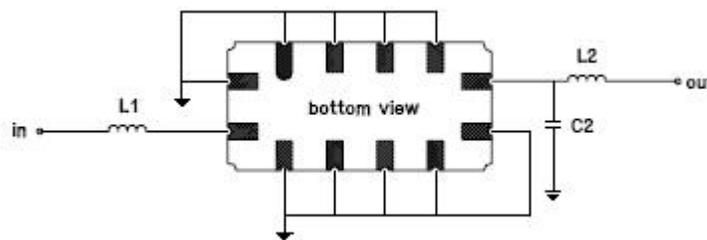
PARAMETERS	Minimum	Typical	Maximum	Units
Center Frequency	-	62.5	-	MHz
Insertion Loss at Fo	-	22.0	23.5	dB
Source Impedance (single ended)*	-	50	-	ohm
Load Impedance (single ended)*	-	50	-	ohm
Bandwidth at -1.0 dB	19.80	20.10	-	MHz
Bandwidth at -3.0 dB	20.85	21.15	-	MHz
Bandwidth at -40.0 dB	-	25.80	26.20	MHz
Relative Attenuation:	-	-	-	-
Lower Sidelobe	40	45	-	dB
Upper Sidelobe	40	45	-	dB
Amplitude Ripple	-	0.5	1.0	dBp-p
Group Delay Variation	-	25	50	nsec
Absolute Delay at Fo	-	0.85	-	µsec
IN/OUT Return Loss at Fo	-	-	-	dB
Temperature Coefficient	-	-94	-	ppm/°C

*With Matching Network (Reference Testing Environment Circuit as shown) Modify Impedance Values as necessary.

PACKAGE OUTLINE (mm)

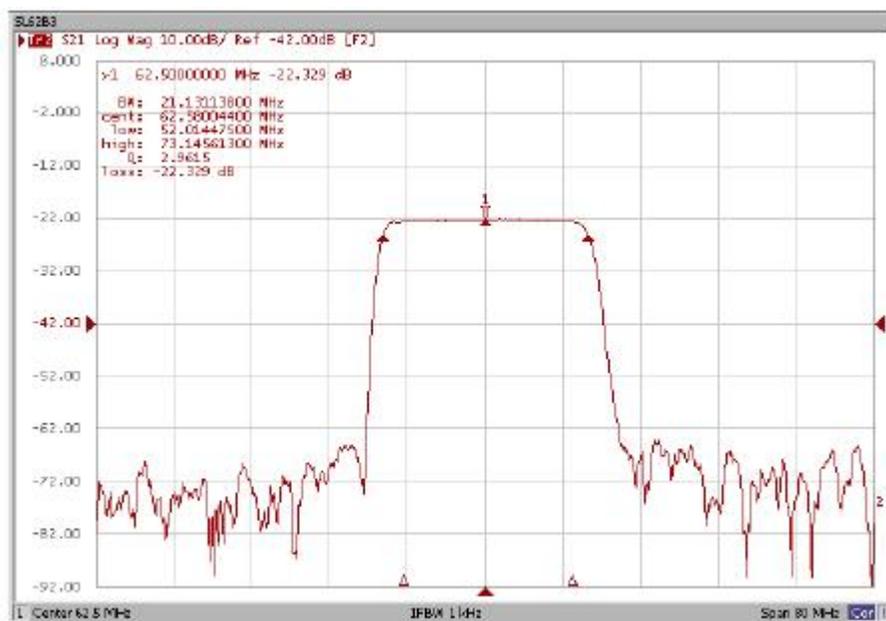


TEST FIXTURE



L1 = 180nH - -
L2 = 150nH C2 = 20pF
Source/Load Impedance = 50 ohms

FREQUENCY RESPONSE



Oscilent Corporation - CALL 949.252.0522

Part No.: 813-IF62.5M-BC

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