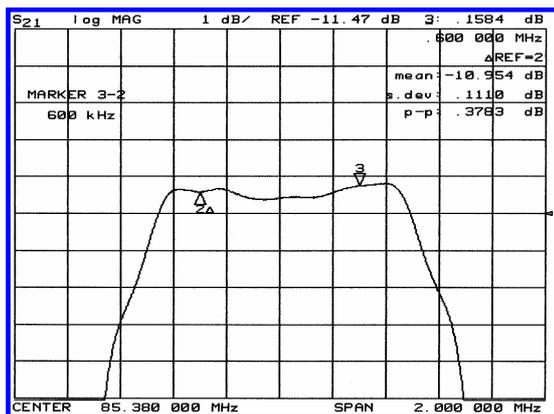
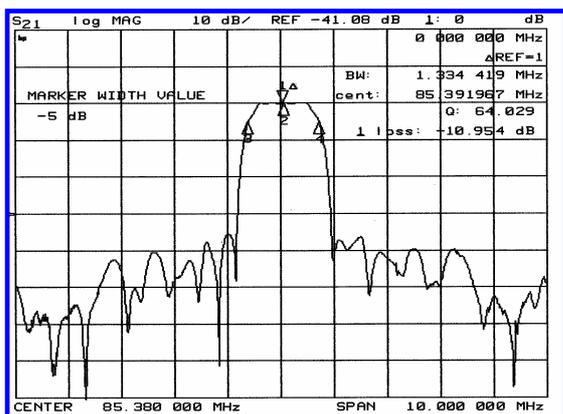


SGC Technologies Inc 85.38 MHz Bandpass Filter

1.26 MHz Bandwidth

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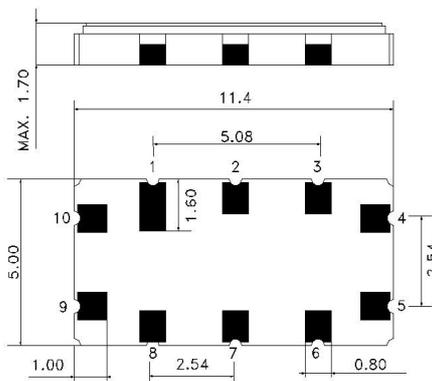
Typical Performance



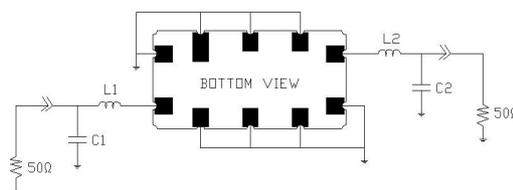
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	Mhz	-	85.38	-
Insertion Loss	dB	-	10.95	12.50
5dB Bandwidth	Mhz	1.26	1.33	-
Attenuation (Fo±0.63Mhz)	dB	-	4.0	5.0
Attenuation (Fo±0.90Mhz)	dB	33.0	40.0	
Attenuation (Fo±1.25Mhz)	dB	33.0	45.0	
Attenuation (Fo±1.70Mhz)	dB	33.0	43.0	
Passband Ripple(Fo±0.30Mhz)	dB	-	0.38	0.70
Ultimate Attenuation	dB	35	40	-
Substrate Material	-	Quartz		
Operating Temperature Range	°C	-30	25	80

Package Dimension



Matching Configuration



L1=345nH, L2=292nH, C1=68pF, C2=75pF
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

02/09/2004

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Typical Performance

