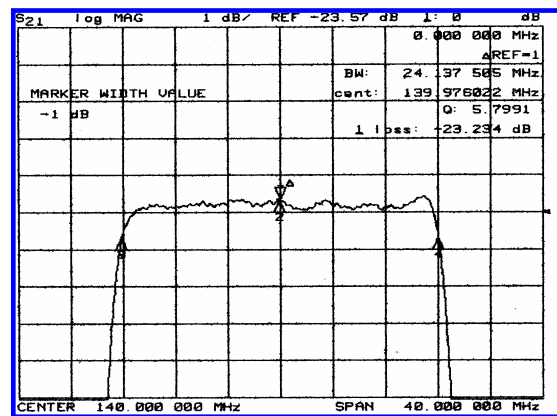
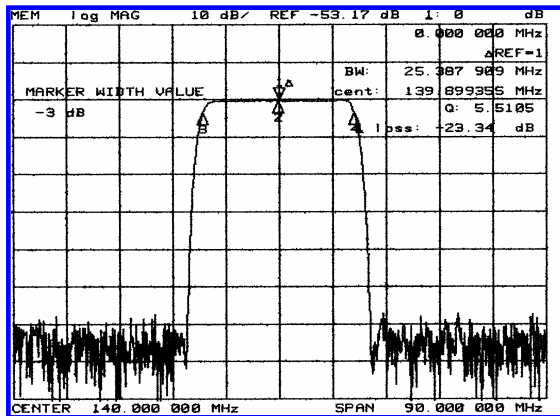


SGC Technologies Inc 140 MHz Bandpass Filter 25.2 MHz Bandwidth

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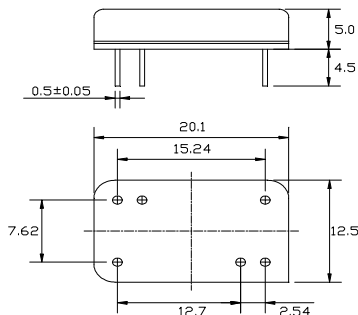
Typical Performance



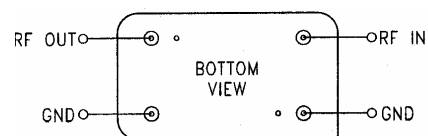
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	Mhz	139.80	140.00	140.20
Insertion Loss	dB	-	23.50	25.00
1dB Bandwidth	MHz	24.00	24.14	-
3dB Bandwidth	Mhz	25.20	25.38	-
40dB Bandwidth	Mhz	-	30.00	30.30
Passband Ripple	dB	-	0.35	0.80
Group Delay Variation	nsec	-	50	100
Absolute Delay	µsec	-	0.98	-
Ultimate Attenuation	dB	50	60	-
Substrate Material	-	128- LiNbO ₃		

Package Dimension



Matching Configuration



No Matching Required
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

06/17/2002