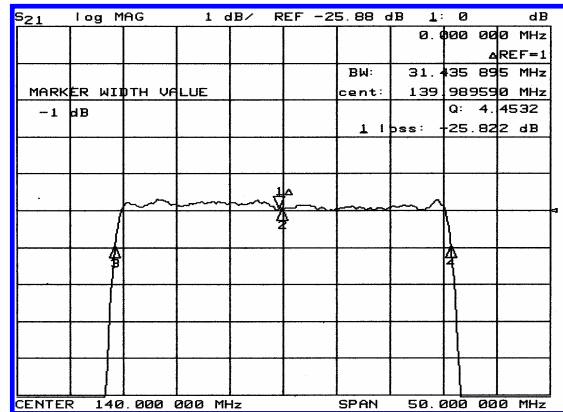
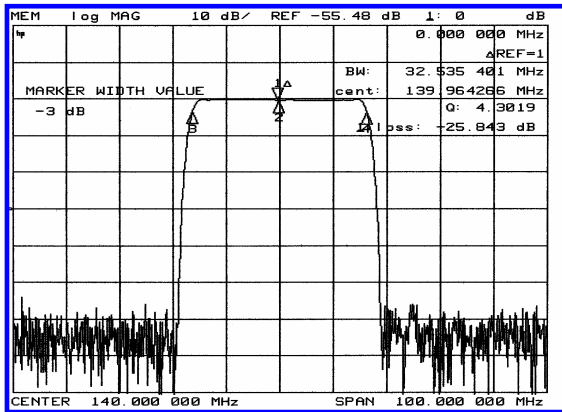


SGC Technologies Inc 140 MHz Bandpass Filter 32.2 MHz Bandwidth

312581

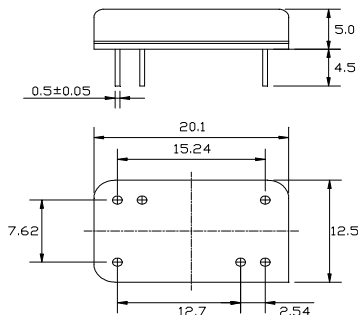
Typical Performance



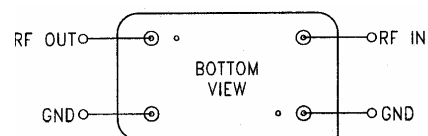
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	Mhz	139.85	140.00	140.15
Insertion Loss	dB	-	26.00	27.50
1dB Bandwidth	MHz	7.30	7.56	-
3dB Bandwidth	Mhz	32.20	32.53	-
40dB Bandwidth	Mhz	-	37.12	37.50
Passband Ripple	dB	-	0.35	0.80
Group Delay Variation	nsec	-	50	100
Absolute Delay	µsec	-	0.95	-
Ultimate Attenuation	dB	50	55	-
Substrate Material	-	128- LiNbO ₃		

Package Dimension



Matching Configuration



Bottom View
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

06/17/2002