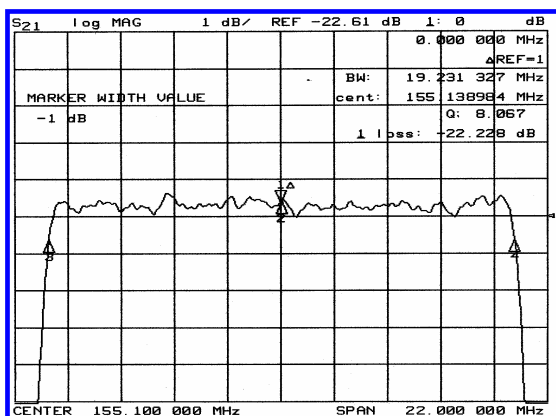
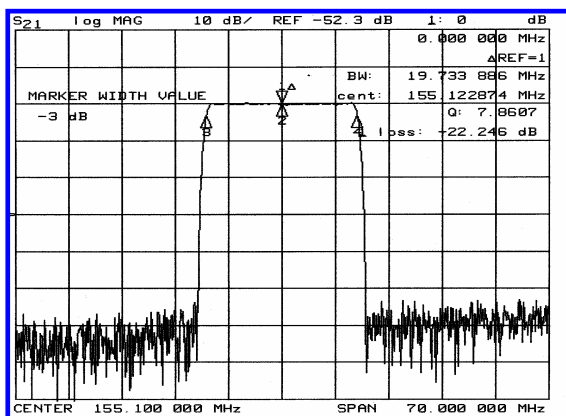


SGC Technologies Inc 155.0 MHz Bandpass Filter

19.6 MHz Bandwidth

512086

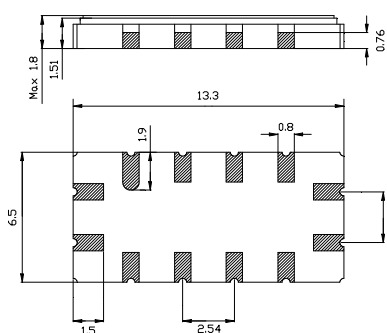
Typical Performance



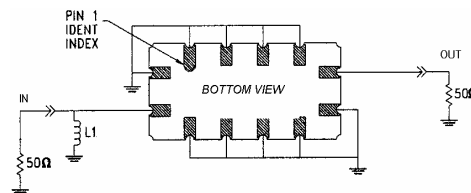
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	Mhz	154.80	155.00	155.20
Insertion Loss	dB	-	22.5	24.0
1dB Bandwidth	Mhz	19.10	19.23	-
3dB Bandwidth	Mhz	19.60	19.73	-
40dB Bandwidth	Mhz	-	21.74	22.00
Passband Ripple	dB	-	0.65	1.00
Group Delay Variation	nsec	-	50	100
Absolute Delay	µsec	-	1.4	-
Ultimate Attenuation	dB	50	55	-
Substrate Material	-	128-LiNbO ₃		
Temperature Coefficient	ppm/°C	-72		

Package Dimension



Matching Configuration



L1 = 0.18µH
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C