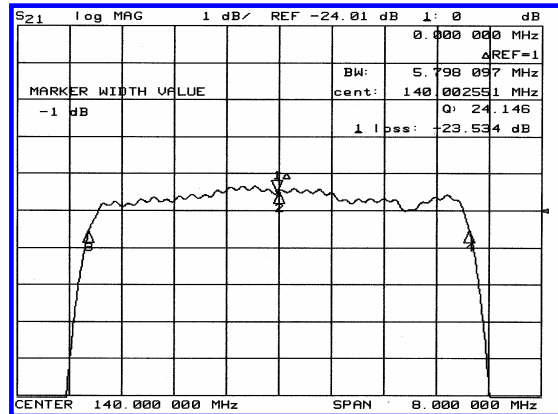
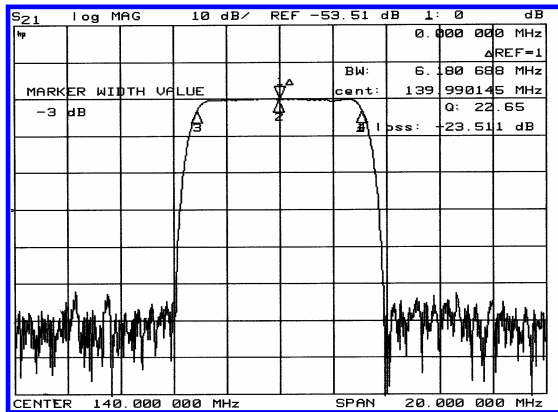


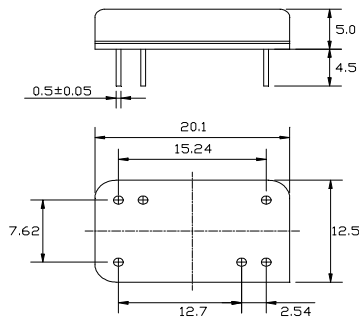
Typical Performance



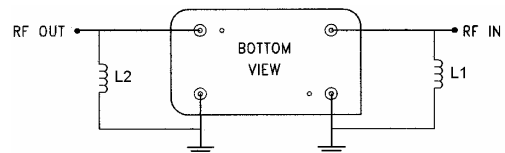
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	Mhz	139.80	140.00	140.20
Insertion Loss	dB	-	23.50	25.00
1dB Bandwidth	MHz	5.50	5.78	-
3dB Bandwidth	Mhz	6.00	6.18	-
40dB Bandwidth	Mhz	-	7.65	8.00
Passband Ripple	dB	-	0.75	1.00
Group Delay Variation	nsec	-	80	150
Absolute Delay	µsec	-	2.58	-
Ultimate Attenuation	dB	50	55	-
Substrate Material	-	LiTaO ₃		

Package Dimension



Matching Configuration



L1=18nH , L2 = 47nH
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C