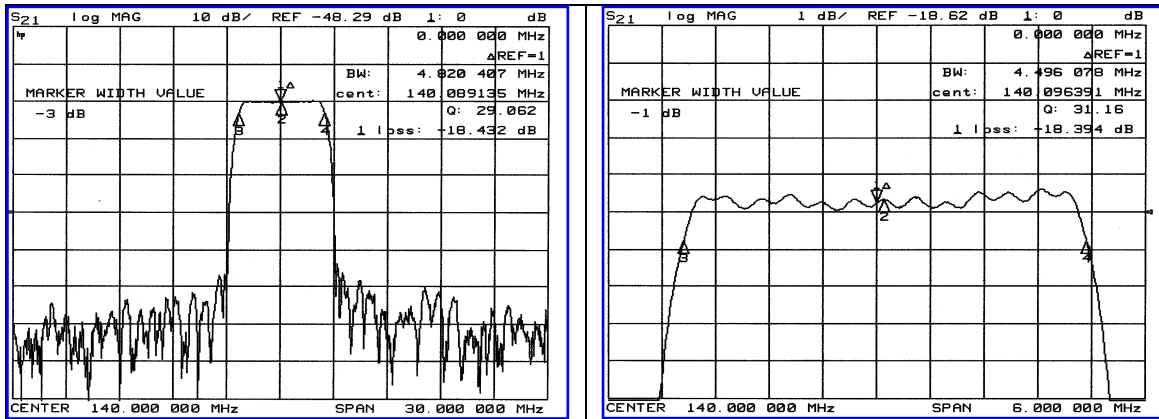


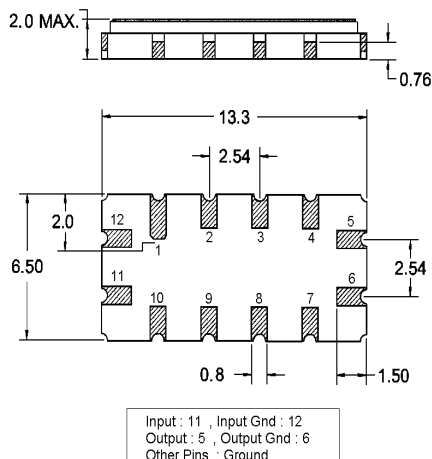
Typical Performance



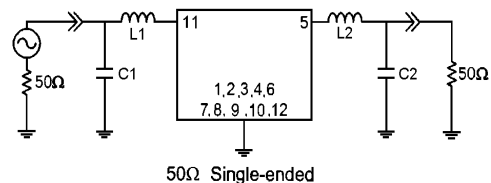
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	139.85	140.00	140.15
Insertion Loss	dB	-	18.50	20.00
1dB Bandwidth	MHz	-	4.50	-
3dB Bandwidth	MHz	4.60	4.82	-
30dB Bandwidth	MHz	-	5.87	6.00
Passband Ripple	dB	-	0.55	1.00
Group Delay Variation	nsec	-	100	200
Absolute Delay	µsec	-	1.5	-
Ultimate Attenuation	dB	40	50	-
Substrate Material	-	LiTaO ₃		
Temperature Coefficient	ppm/°C	-20		

Package Dimension



Matching Configuration



L1=18nH, L2=22nH, C1=51pF, C2=91pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

90/05/2005