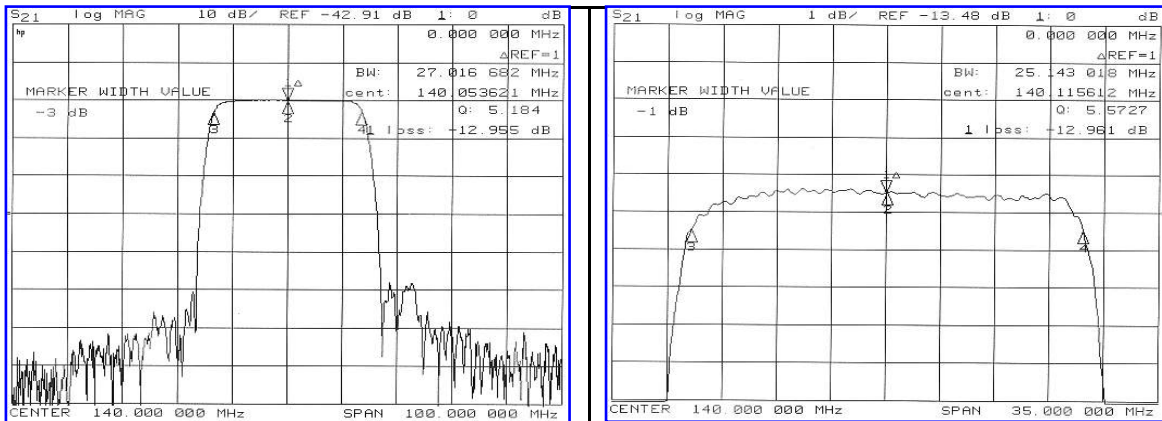


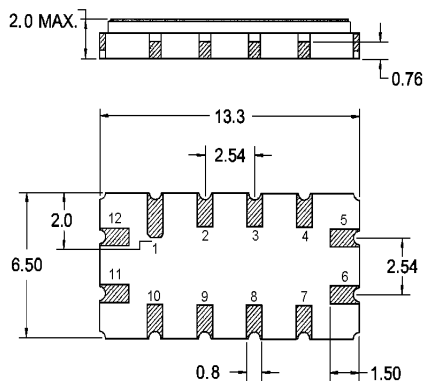
Typical Performance



Specification

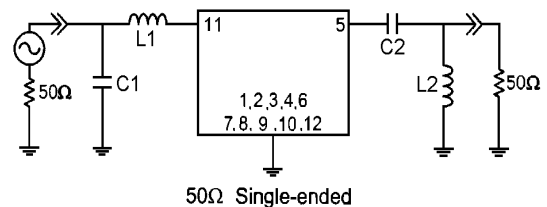
Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	139.85	140.00	140.15
Insertion Loss	dB	-	13.00	15.00
1dB Bandwidth	MHz	-	25.14	-
3dB Bandwidth	MHz	26.50	27.00	-
40dB Bandwidth	MHz	-	33.10	34.00
Passband Ripple	dB	-	0.75	1.00
Group Delay Variation	nsec	-	35	80
Absolute Delay	μsec	-	0.62	-
Ultimate Attenuation	dB	40	50	-
Substrate Material	-	YZ-LiNbO ₃		
Temperature Coefficient	ppm/°C	-86		

Package Dimension



Input : 11 , Input Gnd : 12
 Output : 5 , Output Gnd : 6
 Other Pins : Ground

Matching Configuration



L1=33nH, L2=47nH, C1=75pF, C2=51pF
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

07/18/2006

