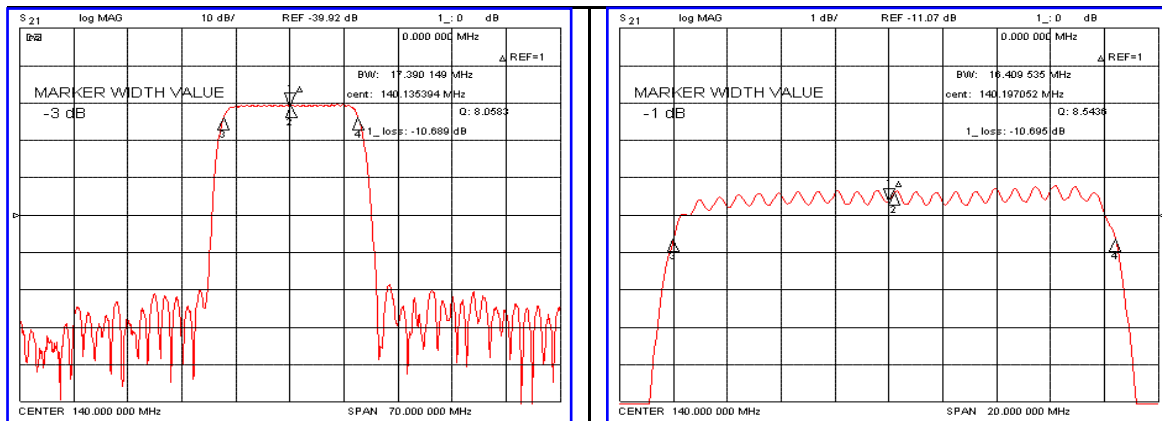


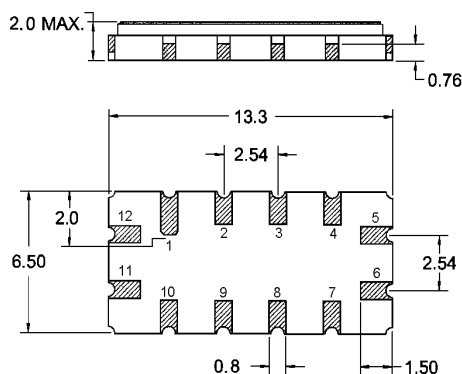
Typical Performance



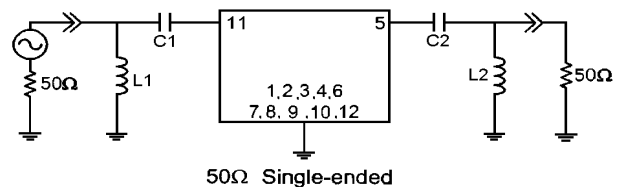
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	139.80	140.00	140.20
Insertion Loss	dB	-	10.50	12.50
1dB Bandwidth	MHz	14.20	16.40	-
3dB Bandwidth	MHz	15.00	17.40	-
35dB Bandwidth	MHz	-	21.05	25.40
Passband Ripple (fo±6.4MHz)	dB	-	0.60	1.00
Group Delay Variation (fo±6.4MHz)	nsec	-	55	160
Absolute Delay	µsec	-	0.67	-
Ultimate Attenuation	dB	40	48	-
Operating Temperature	°C	-40 ~ +85		
Substrate Material	-	YZ-LiNbO ₃		
Temperature Coefficient	ppm/°C	-86		

Package Dimension



Matching Configuration



C1=C2=92pF, L1=L2=33nH
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

