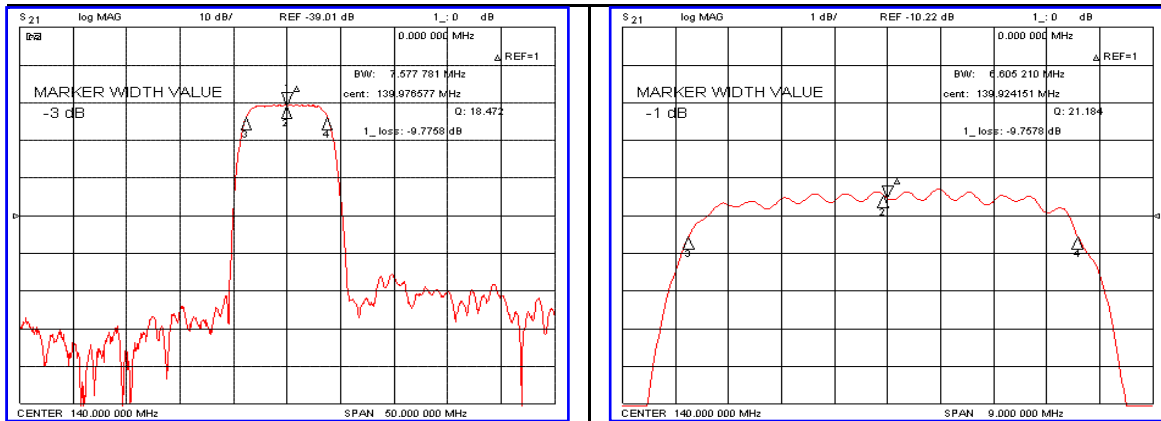


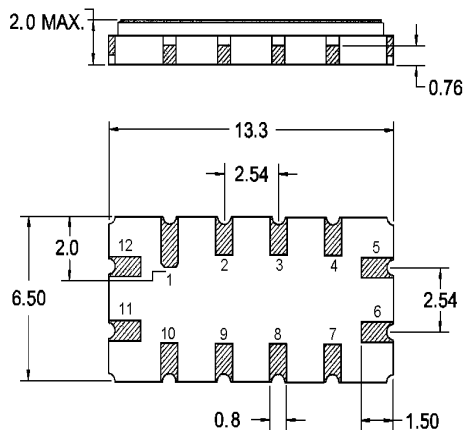
Typical Performance



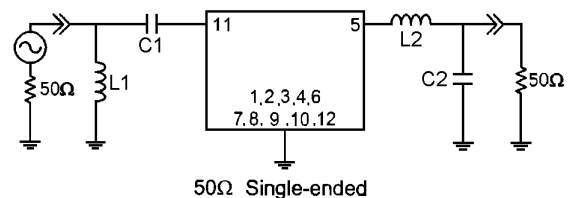
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	139.80	140.00	140.20
Insertion Loss	dB	-	9.77	11.00
1dB Bandwidth	MHz	-	6.60	-
3dB Bandwidth	MHz	7.00	7.57	-
40dB Bandwidth	MHz	-	10.73	11.00
Passband Ripple(70% of 3dB BW)	dB	-	0.65	1.00
Group Delay Variation(70% of 3dB BW)	nsec	-	100	200
Absolute Delay	µsec	-	0.94	-
Ultimate Attenuation	dB	40	45	-
Substrate Material	-	YZ-LiNbO ₃		
Temperature Coefficient	ppm/°C	-86		

Package Dimension



Matching Configuration



L1=39nH, L2=27nH C1=36pF, C2=36pF
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

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