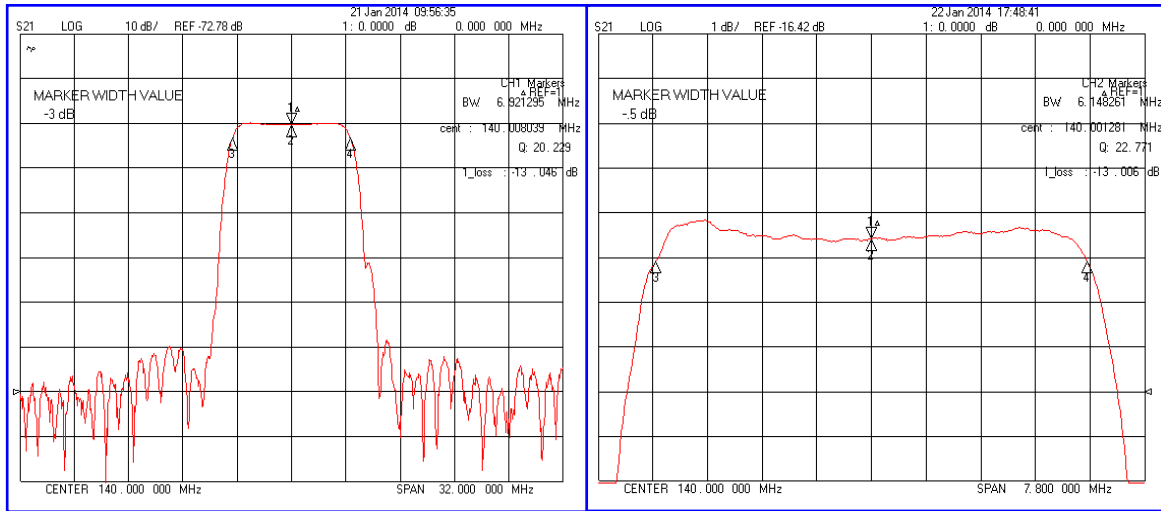


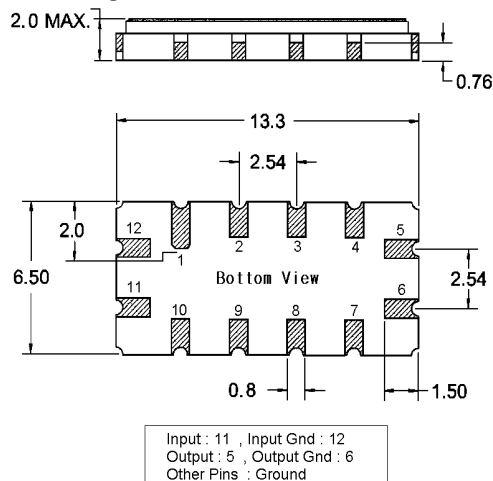
Typical Performance



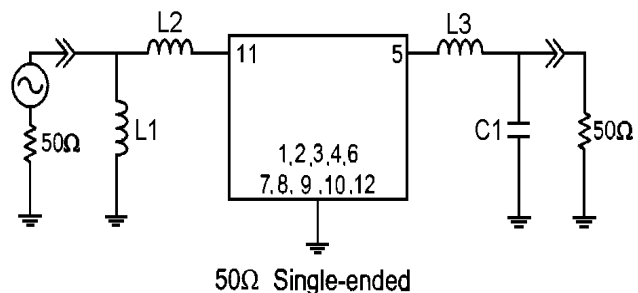
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	139.90	140.00	140.10
Insertion Loss	dB	-	13.00	14.50
0.5dB Bandwidth	MHz	5.70	6.14	-
3dB Bandwidth	MHz	-	6.92	-
38dB Bandwidth	MHz	-	9.26	9.40
Passband Ripple (Fc±2.7MHz)	dB	-	0.45	1.00
Group Delay Variation (Fc±2.7MHz)	nsec	-	50	100
Absolute Delay	µsec	-	1.26	-
Ultimate Attenuation	dB	40	47	-
Substrate Material	-	112-LiTaO ₃		
Temperature Coefficient	ppm/°C	-20		

Package Dimension



Matching Configuration



L1=15nH, L2=27nH, L3=68nH, C1=36pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

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