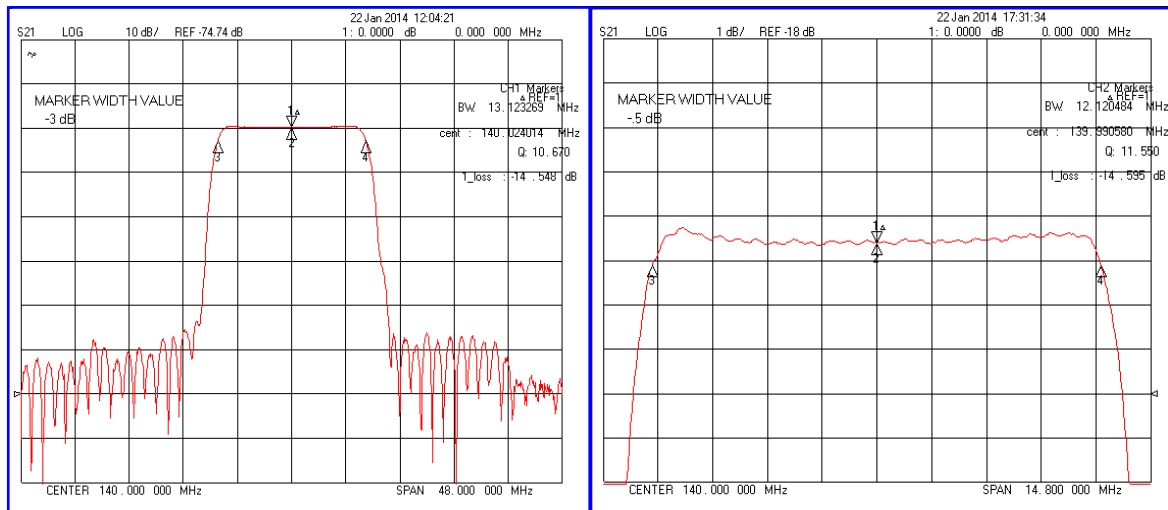


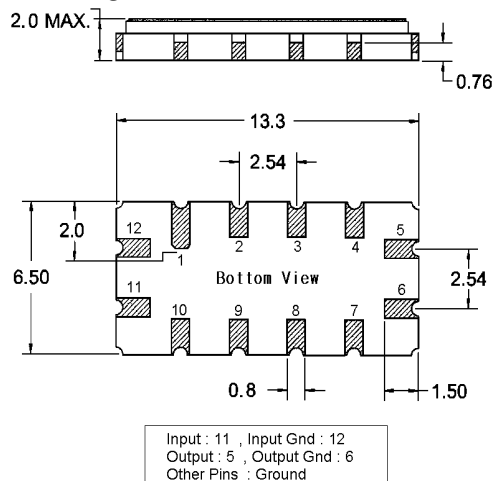
Typical Performance



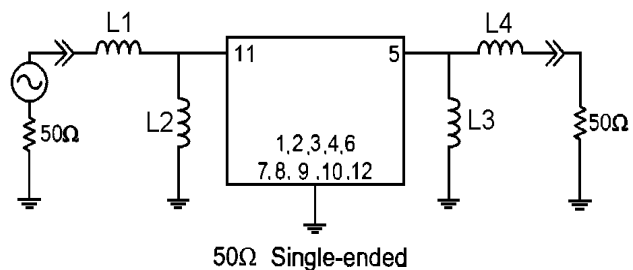
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	139.90	140.00	140.10
Insertion Loss	dB	-	14.50	15.50
0.5dB Bandwidth	MHz	11.60	12.12	-
3dB Bandwidth	MHz	-	13.10	-
40dB Bandwidth	MHz	-	16.50	17.50
Passband Ripple (Fc±5.5MHz)	dB	-	0.40	1.00
Group Delay Variation (Fc±5.5MHz)	nsec	-	30	60
Absolute Delay	µsec	-	1.00	-
Ultimate Attenuation	dB	40	45	-
Substrate Material	-	112-LiTaO ₃		
Temperature Coefficient	ppm/°C	-20		

Package Dimension



Matching Configuration



L1=120nH, L2=82nH, L3=68nH, L4=100nH
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

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