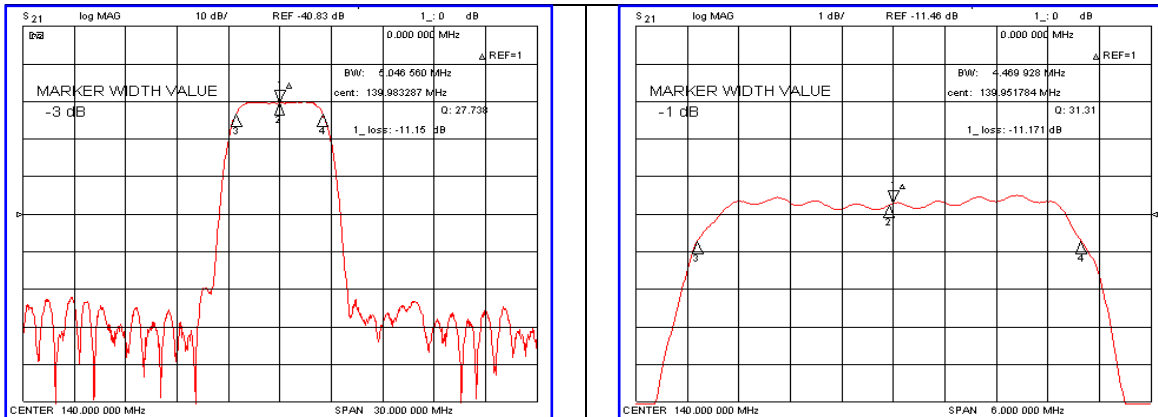


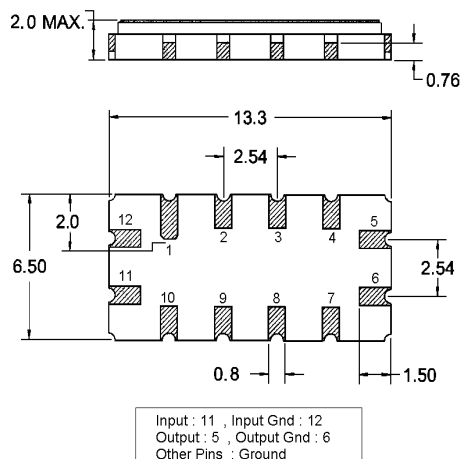
Typical Performance



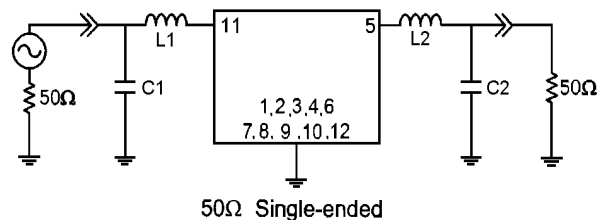
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	139.85	140.00	140.15
Insertion Loss	dB	-	11.20	14.00
1dB Bandwidth	MHz	-	4.46	-
3dB Bandwidth	MHz	4.90	5.04	-
40dB Bandwidth	MHz	-	7.45	8.00
Passband Ripple	dB	-	0.45	1.00
Group Delay Variation	nsec	-	60	120
Absolute Delay	μsec	-	1.07	-
Ultimate Attenuation	dB	40	48	-
Substrate Material	-	112-LiTaO ₃		
Temperature Coefficient	ppm/°C	-20		

Package Dimension



Matching Configuration



L1=56nH, L2=47nH, C1=39pF, C2=30pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

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