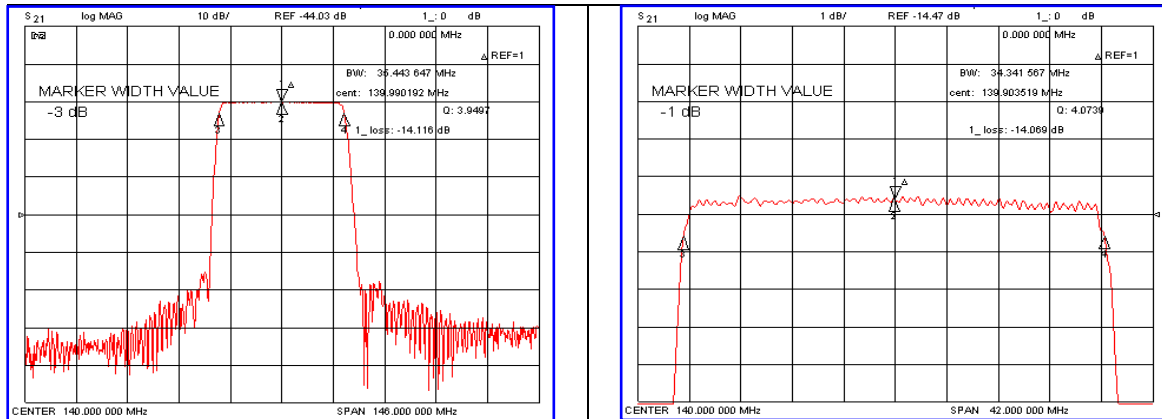


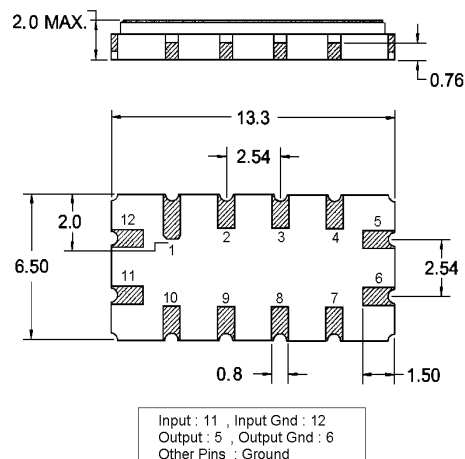
Typical Performance



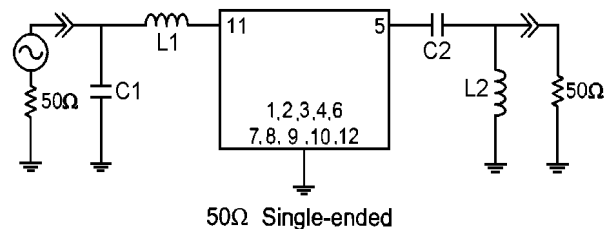
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	139.80	140.00	140.20
Insertion Loss	dB	-	14.20	16.00
1dB Bandwidth	MHz	-	34.34	-
3dB Bandwidth	MHz	35.00	35.44	-
40dB Bandwidth	MHz	-	41.50	42.00
Passband Ripple	dB	-	0.45	1.00
Group Delay Variation	nsec	-	30	50
Absolute Delay	µsec	-	0.76	-
Ultimate Attenuation	dB	40	45	-
Substrate Material	-	Yz-LiNbO ₃		
Temperature Coefficient	ppm/°C	-86		

Package Dimension



Matching Configuration



L1=47nH, L2=22nH, C1=22pF, C2=300pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

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