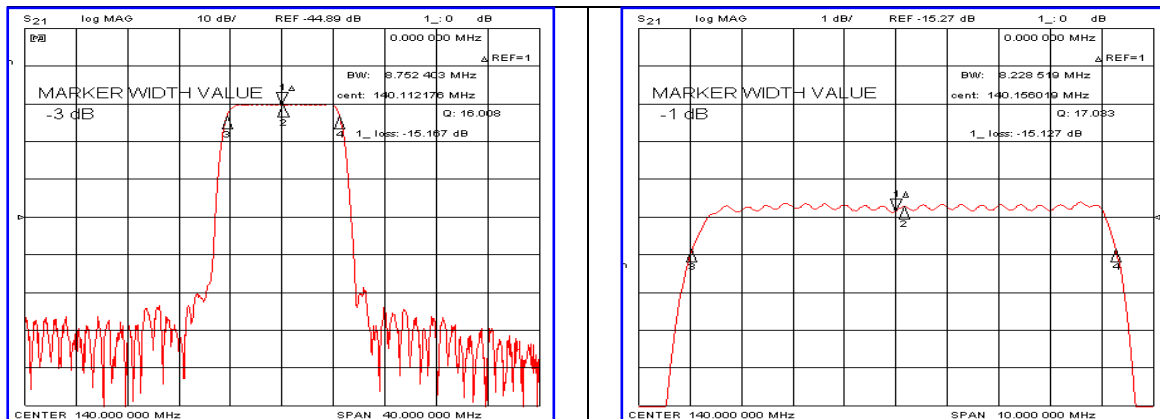


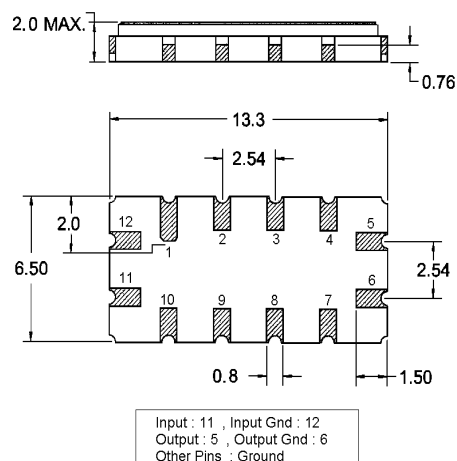
Typical Performance



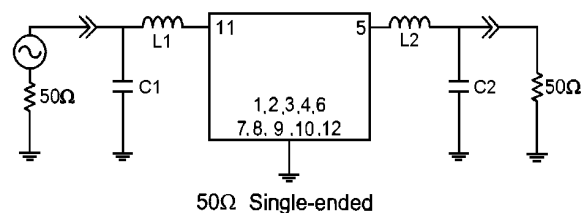
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	139.85	140.00	140.15
Insertion Loss	dB	-	15.20	17.00
1dB Bandwidth	MHz	8.00	8.22	-
3dB Bandwidth	MHz	-	8.75	-
40dB Bandwidth	MHz	-	10.92	11.50
Passband Ripple	dB	-	0.50	1.00
Group Delay Variation	nsec	-	60	120
Absolute Delay	μsec	-	1.30	-
Ultimate Attenuation	dB	40	47	-
Substrate Material	-	112-LiTaO ₃		
Temperature Coefficient	ppm/°C	-20		

Package Dimension



Matching Configuration



L1=47nH, L2=47nH, C1=51pF, C2=51pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

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