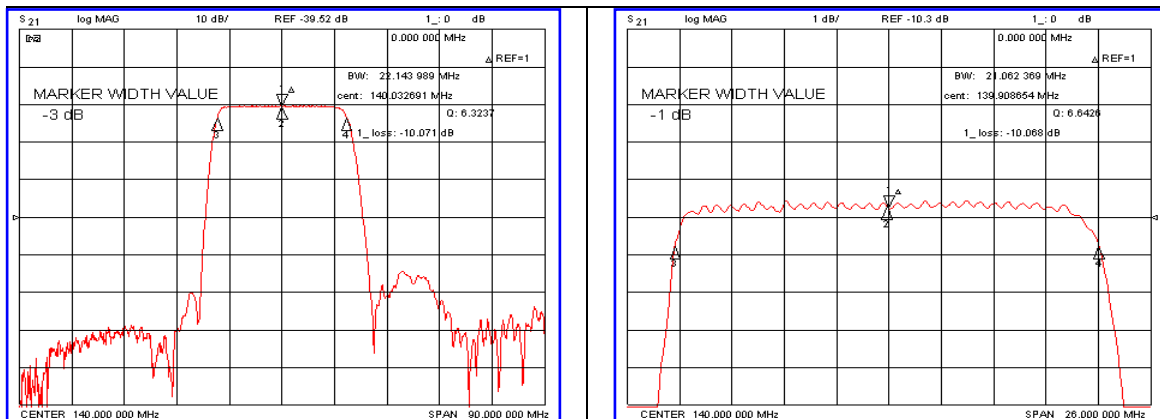


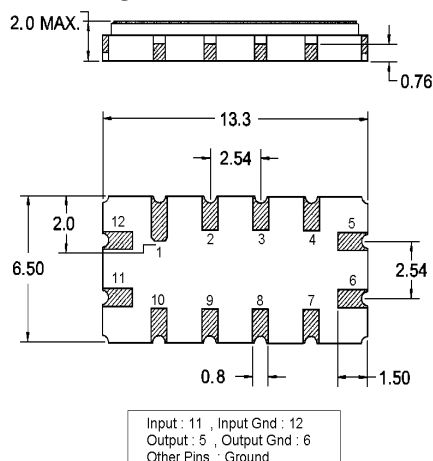
Typical Performance



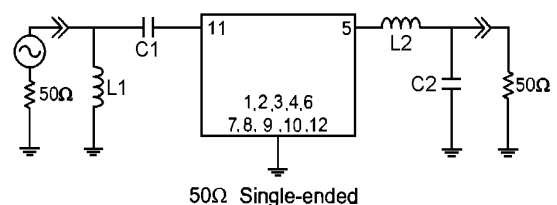
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	139.80	140.00	140.20
Insertion Loss	dB	-	10.10	13.00
1dB Bandwidth	MHz	-	21.06	-
3dB Bandwidth	MHz	22.00	22.14	-
40dB Bandwidth	MHz	-	28.24	29.00
Passband Ripple	dB	-	0.35	1.00
Group Delay Variation	nsec	-	40	80
Absolute Delay	μsec	-	0.72	-
Ultimate Attenuation	dB	40	45	-
Substrate Material	-	YZ-LiNbO ₃		
Temperature Coefficient	ppm/°C	-86		

Package Dimension



Matching Configuration



L1=27nH, L2=39nH, C1=180pF, C2=24pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

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