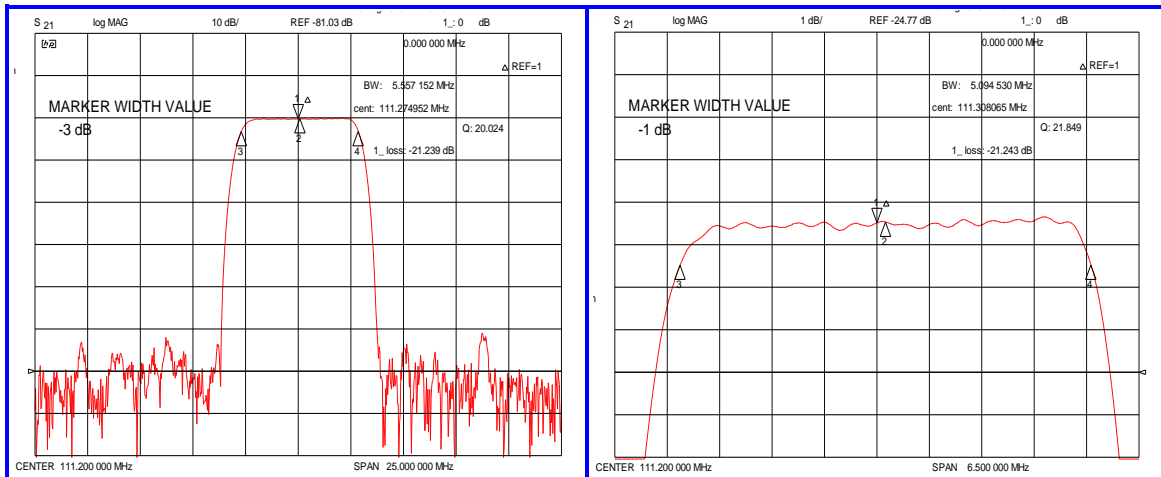


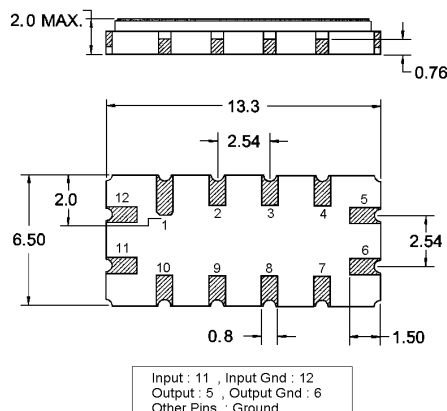
Typical Performance



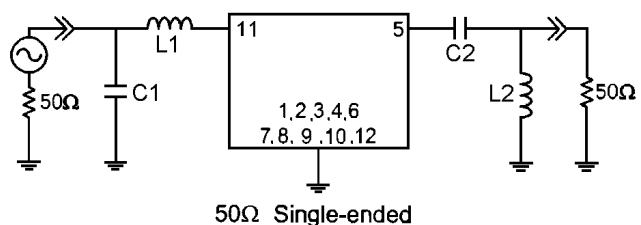
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	-	111.20	-
Insertion Loss	dB	-	21.50	23.50
1dB Bandwidth	MHz	5.04	5.10	-
3dB Bandwidth	MHz	-	5.55	-
40dB Bandwidth	MHz	-	7.22	7.40
Passband Ripple($F_c \pm 2.25\text{MHz}$)	dB	-	0.60	1.20
Group Delay Variation($F_c \pm 2.25\text{MHz}$)	nsec	-	70	150
Absolute Delay	μsec	-	1.47	-
IMD Point (107.7MHz & 114.7MHz)	dB	-	25	-
Ultimate Attenuation	dB	43	50	-
Substrate Material	-	LiTaO ₃		
Temperature Coefficient	ppm/ $^{\circ}\text{C}$	-20		

Package Dimension



Matching Configuration



L1=56nH, L2=56nH, C1=36pF, C2=75pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

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