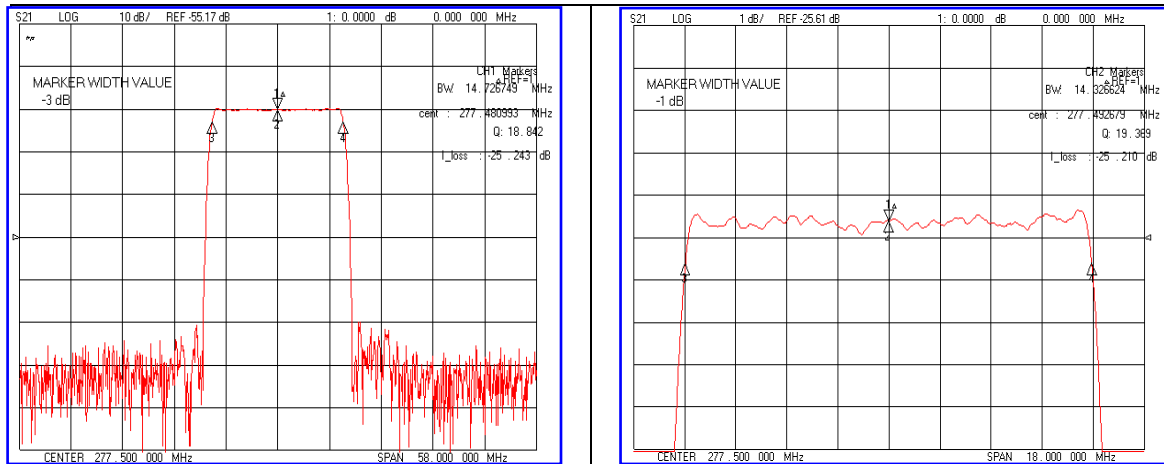


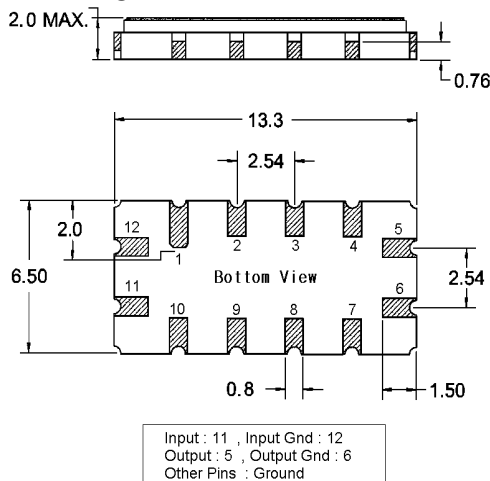
Typical Performance



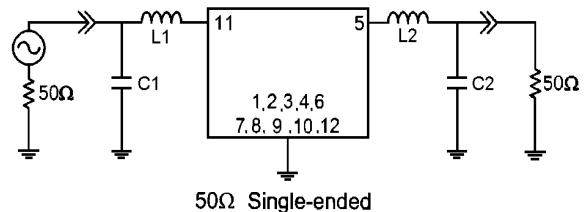
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	-	277.50	-
Insertion Loss	dB	-	25.50	27.50
1dB Bandwidth	MHz	14.20	14.32	-
3dB Bandwidth	MHz	-	14.72	-
40dB Bandwidth	MHz	-	16.50	16.65
Passband Ripple($F_c \pm 6.75\text{MHz}$)	dB	-	0.60	1.20
Group Delay Variation($F_c \pm 6.75\text{MHz}$)	nsec	-	50	100
Absolute Delay	μsec	-	1.88	-
Ultimate Attenuation	dB	40	50	-
Substrate Material	-	112-LiTaO ₃		
Temperature Coefficient	ppm/ $^{\circ}\text{C}$	-20		

Package Dimension



Matching Configuration



L1=15nH, L2=12nH, C1=24pF, C2=30pF
 Source / Load Impedance = 50 Ω
 Ambient Temperature = 25 $^{\circ}\text{C}$

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