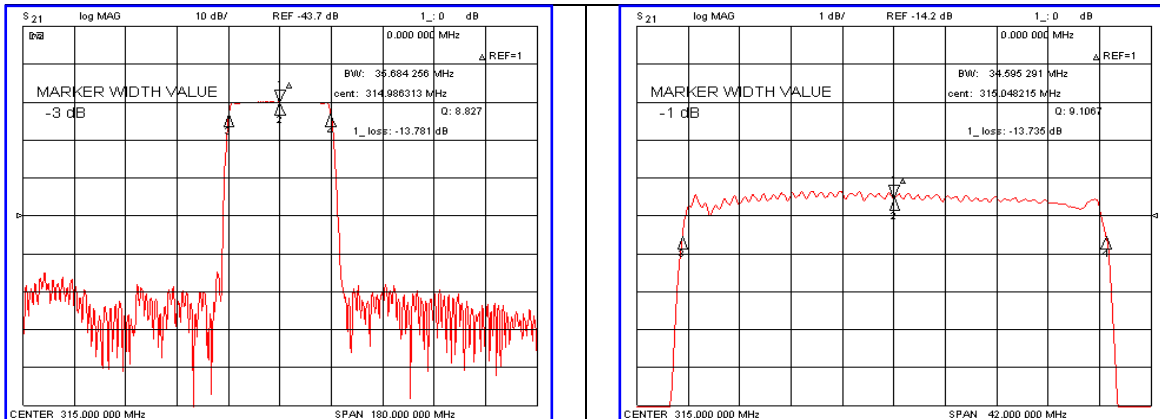


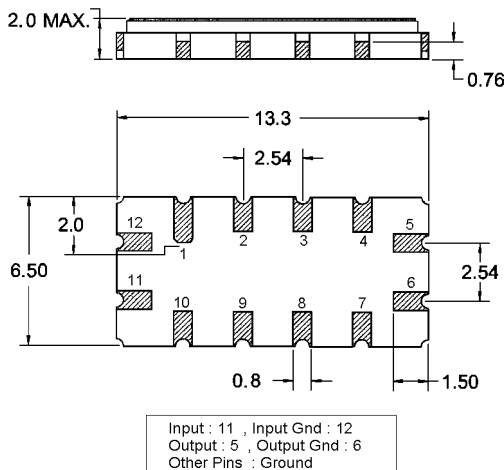
Typical Performance



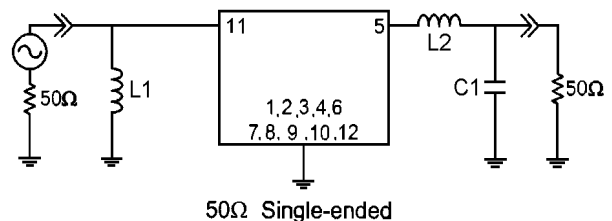
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	-	315.00	-
Insertion Loss	dB	-	14.00	16.00
1dB Bandwidth	MHz	34.20	34.59	-
3dB Bandwidth	MHz	-	35.68	-
40dB Bandwidth	MHz	-	41.10	41.50
Passband Ripple($F_c \pm 14.52\text{MHz}$)	dB	-	0.46	1.00
Group Delay Variation($F_c \pm 14.52\text{MHz}$)	nsec	-	20	50
Absolute Delay	μsec	-	0.63	-
Ultimate Attenuation	dB	40	45	-
Substrate Material	-	Yz-LiNbO ₃		
Temperature Coefficient	ppm/ $^{\circ}\text{C}$	-86		

Package Dimension



Matching Configuration



L1=33nH, L2=15nH, C1=10pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

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