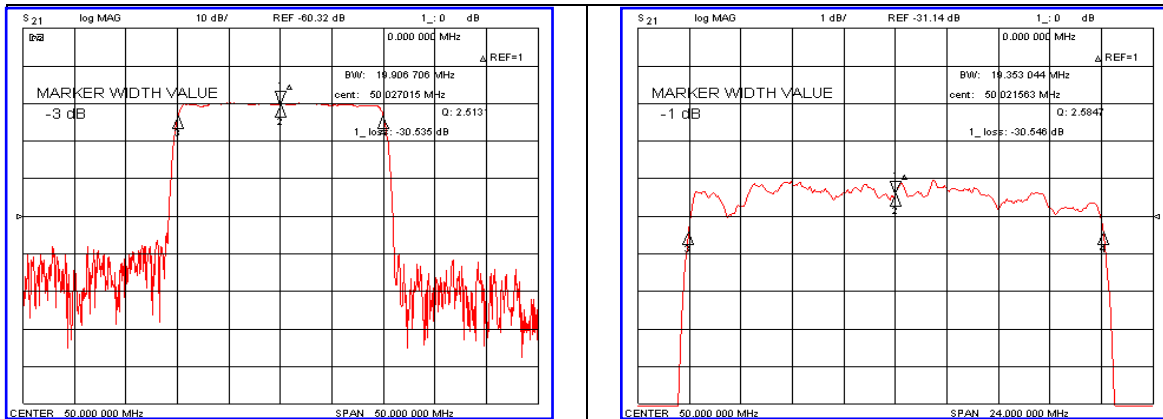


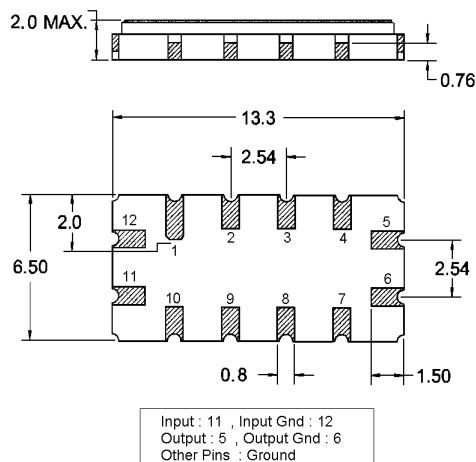
Typical Performance



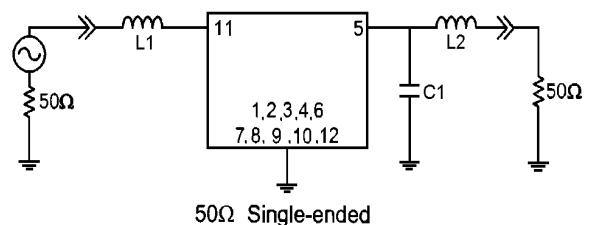
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	49.92	50.00	50.08
Insertion Loss	dB	-	30.53	32.00
1dB Bandwidth	MHz	19.25	19.35	-
3dB Bandwidth	MHz	-	19.90	-
40dB Bandwidth	MHz	-	22.30	22.50
Passband Ripple($F_c \pm 9.32\text{MHz}$)	dB	-	0.96	1.20
Group Delay Variation($F_c \pm 9.32\text{MHz}$)	nsec	-	55	100
Absolute Delay	μsec	-	1.60	-
Ultimate Attenuation	dB	-	36	-
Substrate Material	-	128-LiNbO ₃		
Temperature Coefficient	ppm/°C	-72		

Package Dimension



Matching Configuration



L1=470nH, L2=390nH, C1=18pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

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