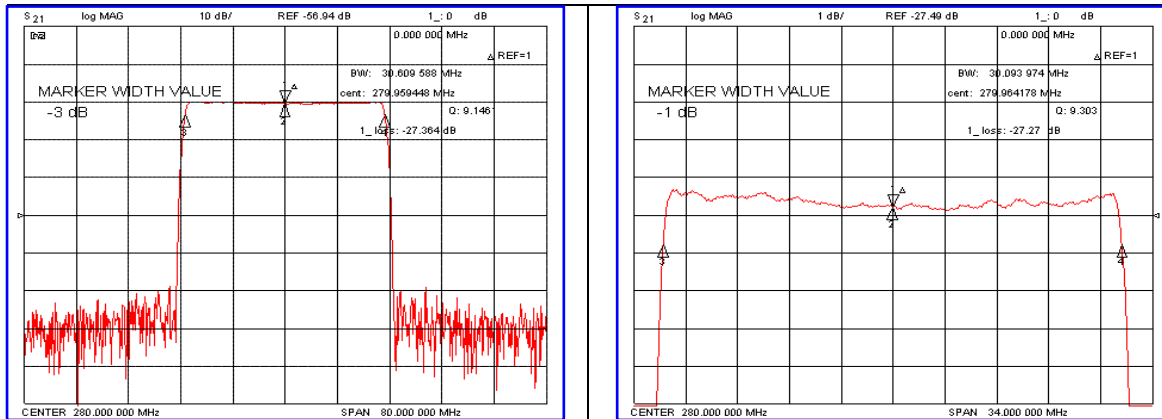


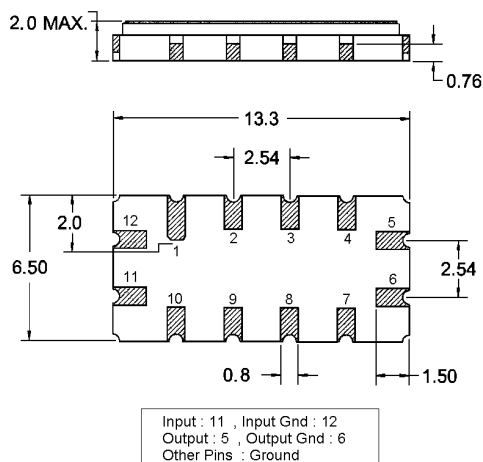
### Typical Performance



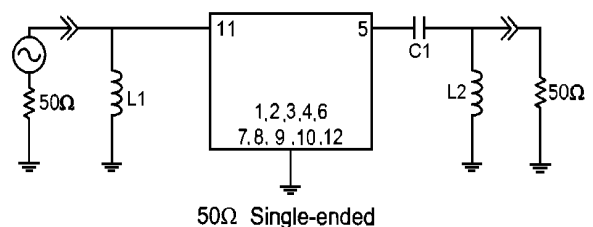
### Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	-	280.00	-
Insertion Loss	dB	-	29.80	31.50
1dB Bandwidth	MHz	29.80	30.09	-
3dB Bandwidth	MHz	-	30.60	-
40dB Bandwidth	MHz	-	32.90	33.10
Passband Ripple( $F_c \pm 14.22$ MHz)	dB	-	0.60	1.00
Group Delay Variation( $F_c \pm 14.22$ MHz)	nsec	-	30	50
Absolute Delay	$\mu$ sec	-	1.89	-
Ultimate Attenuation	dB	-	50	-
Substrate Material	-	112-LiTaO <sub>3</sub>		
Temperature Coefficient	ppm/ $^{\circ}$ C	-20		

### Package Dimension



### Matching Configuration



$L1=6.8$ nH,  $L2=6.8$ nH,  $C1=300$ pF  
Source / Load Impedance = 50 $\Omega$   
Ambient Temperature = 25 $^{\circ}$ C

Rev.0 100421

