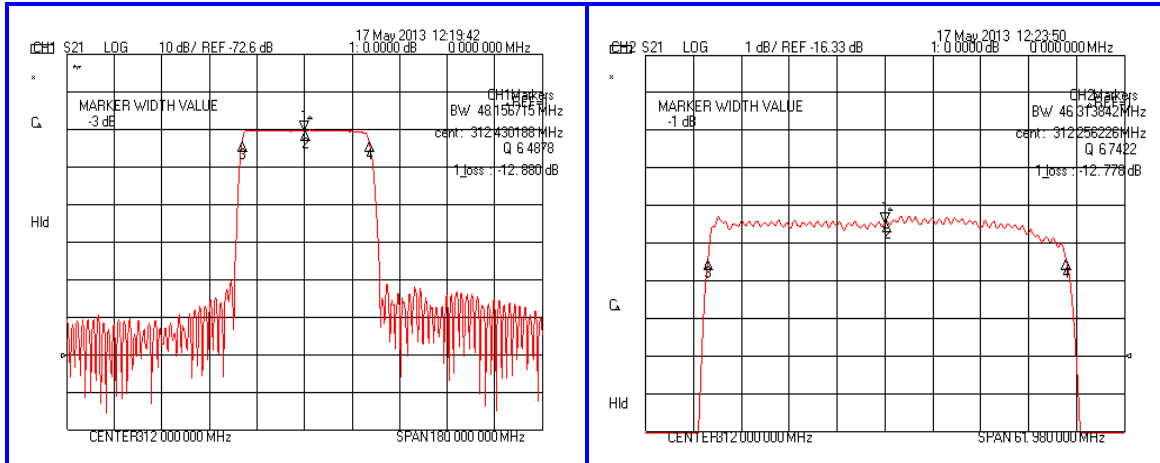


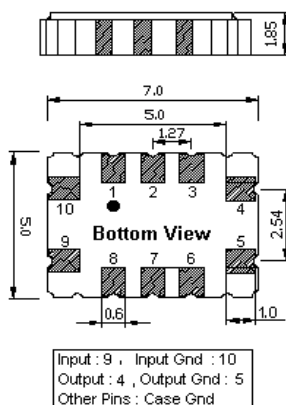
## Typical Performance



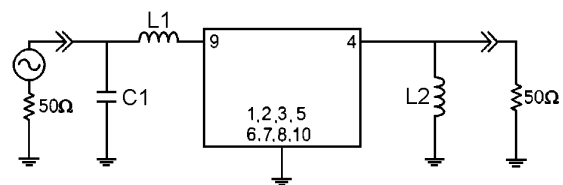
## Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	-	312.00	-
Insertion Loss	dB	-	12.88	15.00
1dB Bandwidth	MHz	45.80	46.31	-
40dB Bandwidth	MHz	-	55.00	58.00
Attenuation				
148MHz~248MHz	dB	40	45	-
372MHz~472MHz	dB	40	45	-
Amplitude Ripple( $F_c \pm 20.0$ MHz)	dB	-	0.55	1.00
IN OUT Return Loss	dB	4	8	-
Group Delay Variation( $F_c \pm 20.0$ MHz)	nsec	-	20	80
Absolute Delay	$\mu$ sec	-	0.50	-
Substrate Material & T. C. F	ppm/ $^{\circ}$ C	YZ-LiNbO <sub>3</sub> & -86		
Package	mm	7 X 5 (SMD)		

## Package Dimension



## Matching Configuration



50 $\Omega$  Single-ended  
 $L_1=18$ nH,  $L_2=47$ nH,  $C_1=15$ pF  
 Source / Load Impedance = 50 $\Omega$   
 Ambient Temperature = 25 $^{\circ}$ C

Rev.0 130520

