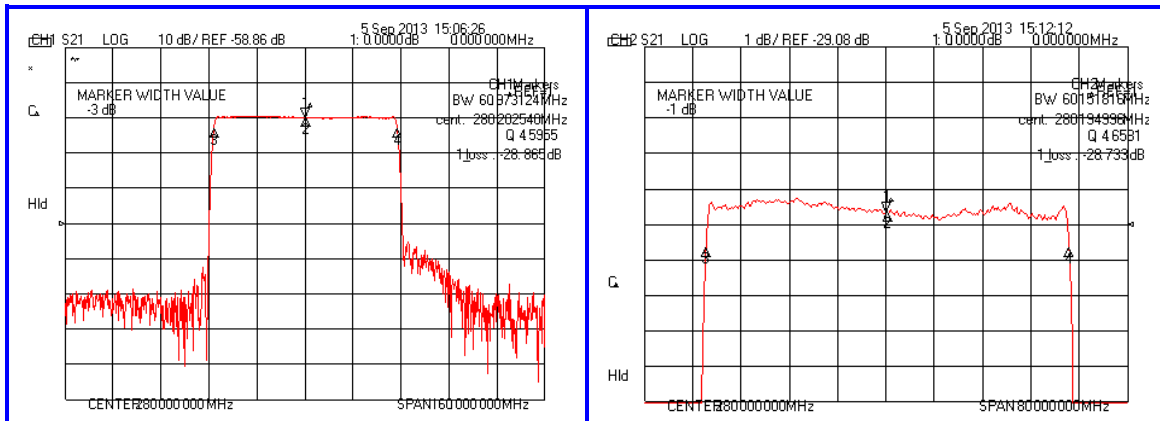


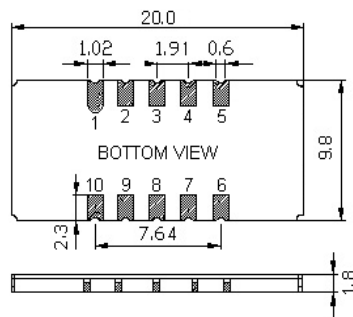
### Typical Performance



### Specification

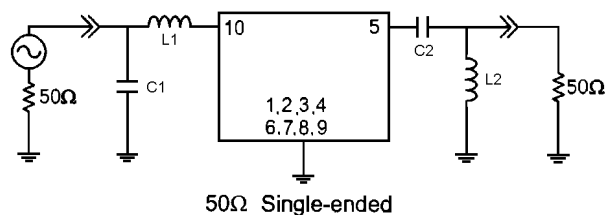
Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	-	280.00	-
Insertion Loss	dB	-	29.00	31.00
1dB Bandwidth	MHz	-	60.15	-
3dB Bandwidth	MHz	60.70	60.97	-
40dB Bandwidth	MHz	-	64.89	-
Ultimate Attenuation	dB	30	35	-
Amplitude Ripple( $F_c \pm 29.22\text{MHz}$ )	dB	-	0.60	1.20
Attenuation $F_c + 29.22\text{MHz} + 1.58\text{MHz}$ Point	dB	-	3.8	-
Absolute Delay	$\mu\text{sec}$	-	1.07	-
Substrate Material & T.C.F	ppm/ $^{\circ}\text{C}$	128-LiNbO <sub>3</sub> & -72		
Package	mm	20X9.8(SMD)		

### Package Dimension



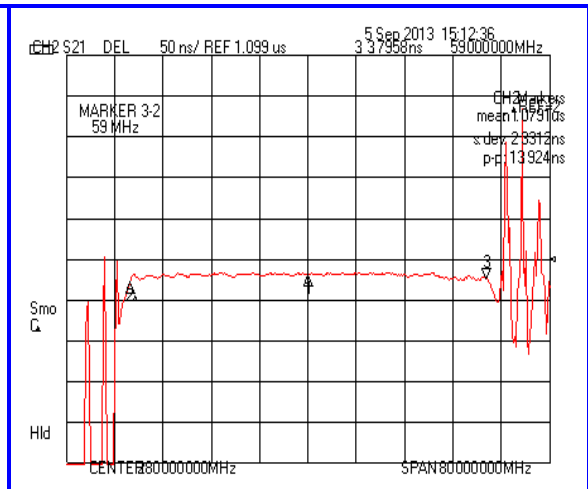
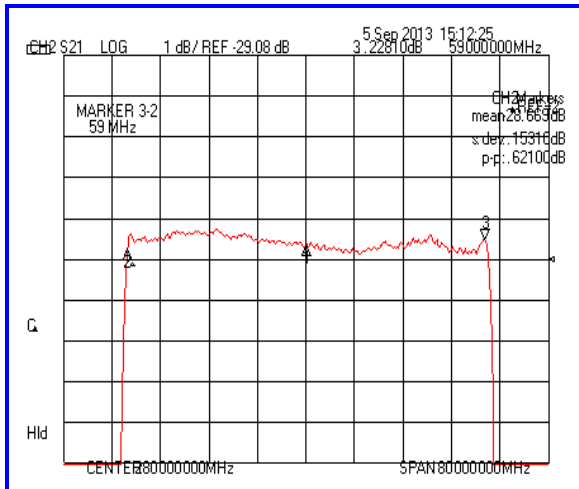
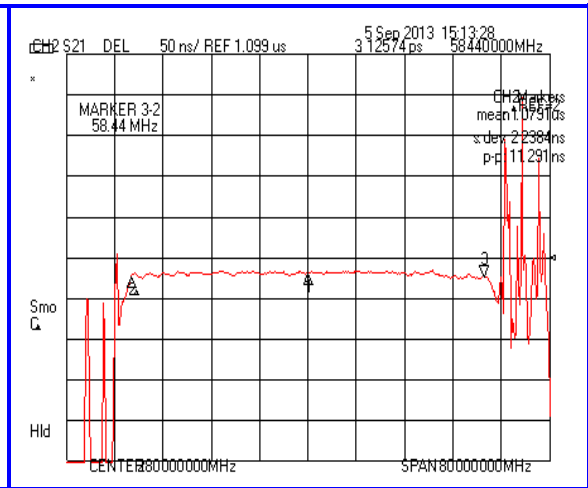
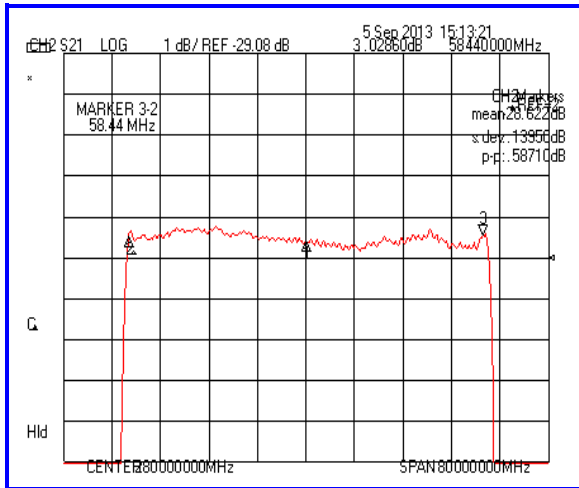
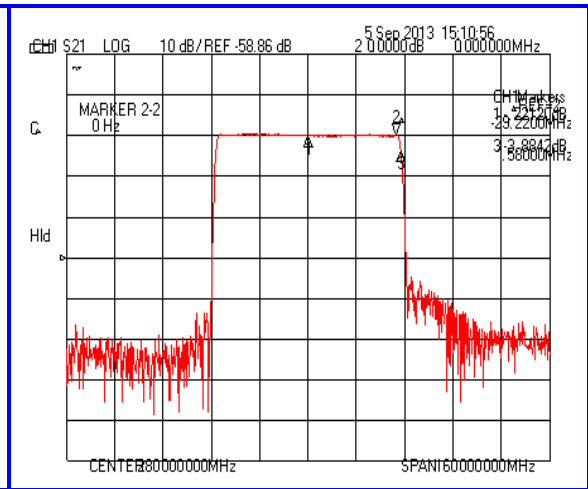
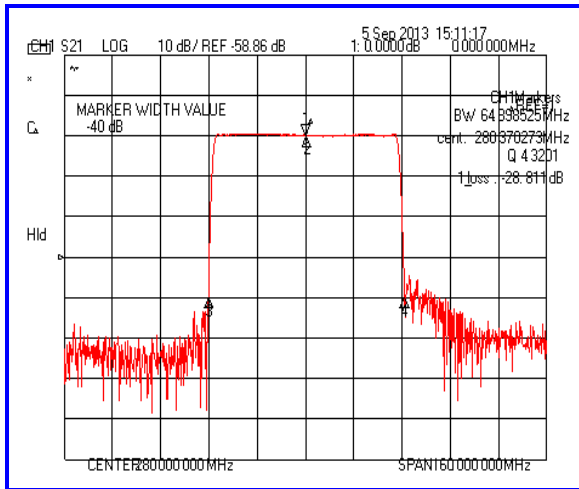
10: Input, 1: In-Gnd  
 5: Output, 6: Out-Gnd  
 2,3,4,7,8,9: Case Gnd

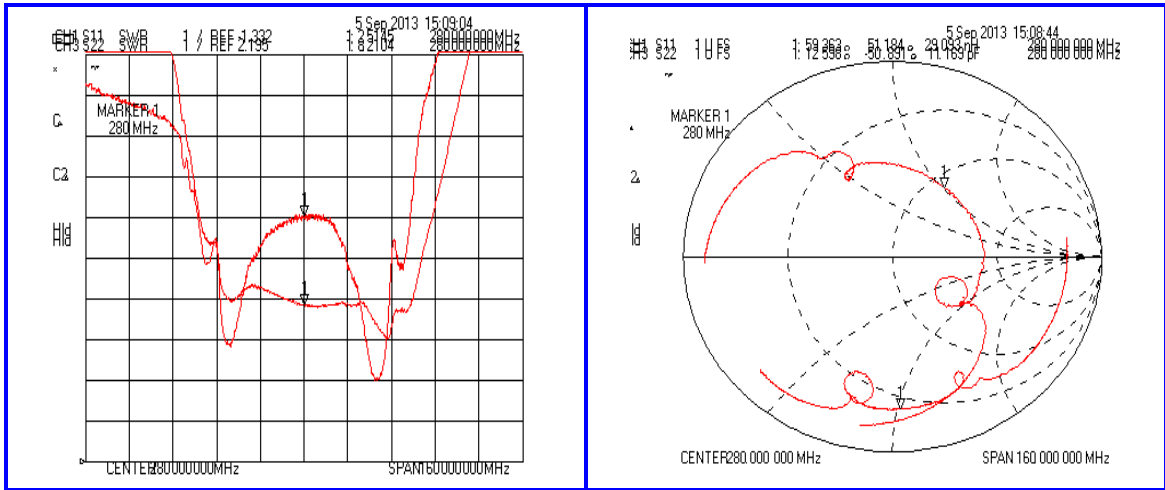
### Matching Configuration



50Ω Single-ended  
 $L1=27\text{nH}$ ,  $L2=33\text{nH}$ ,  $C1=9\text{pF}$ ,  $C2=33\text{pF}$   
 Source / Load Impedance = 50Ω  
 Ambient Temperature = 25°C

Rev0. 130906





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