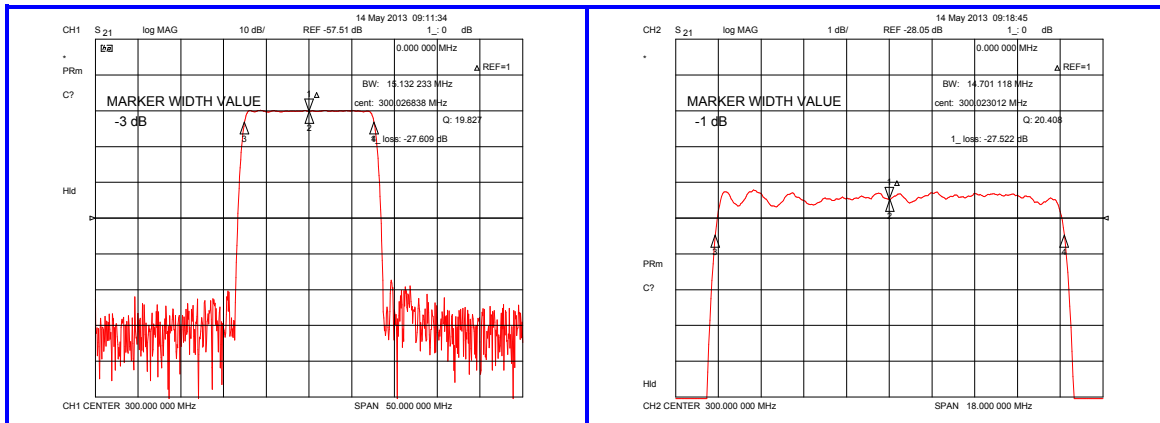


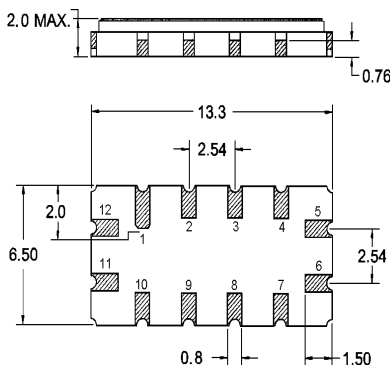
#### Typical Performance



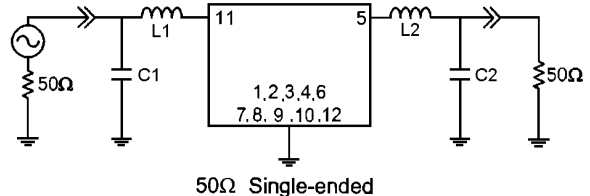
#### Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	-	300.00	-
Insertion Loss	dB	-	27.60	29.50
1dB Bandwidth	MHz	14.50	14.70	-
3dB Bandwidth	MHz	14.93	15.13	-
40dB Bandwidth	MHz	-	17.10	17.30
Ultimate Attenuation	dB	40	45	-
Relative Attenuation Passband Edge+1.18MHz(308.2MHz)	dB	15	18.4	-
Amplitude Ripple( $F_c \pm 7.02\text{MHz}$ )	dB	-	0.50	1.50
Absolute Delay	$\mu\text{sec}$	-	1.90	-
Substrate Material / T. C. F	ppm/ $^{\circ}\text{C}$	112-LiTaO <sub>3</sub> / -20		
Package	mm	13.3 X 6.5 (SMD)		

#### Package Dimension

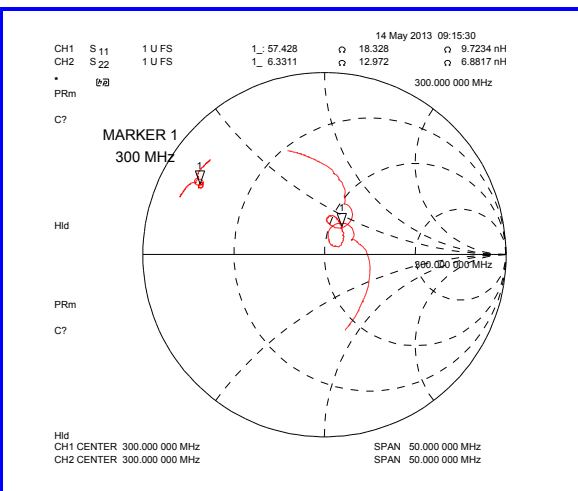
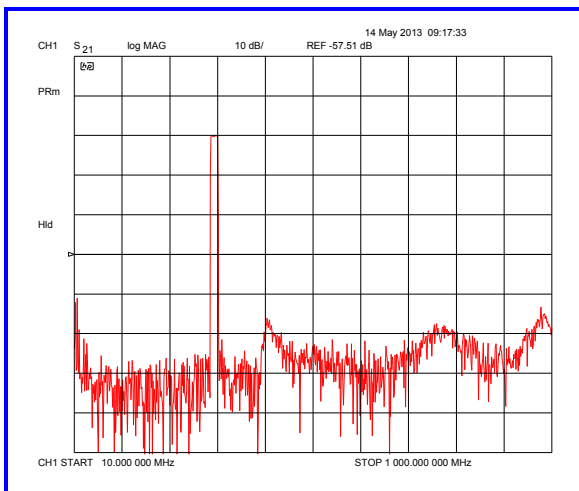
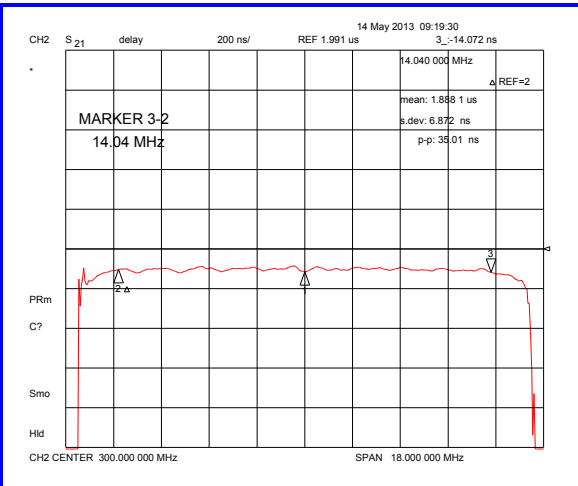
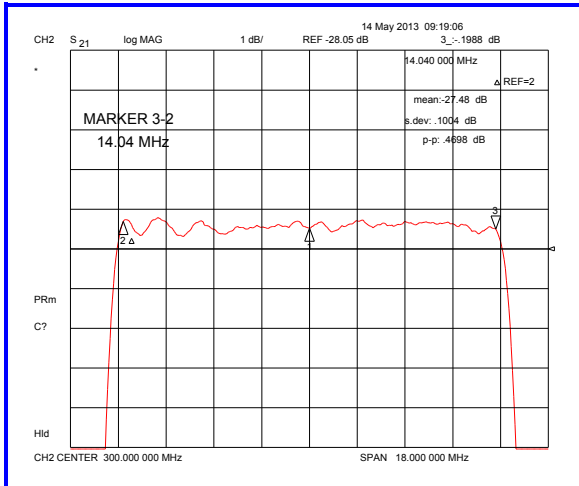
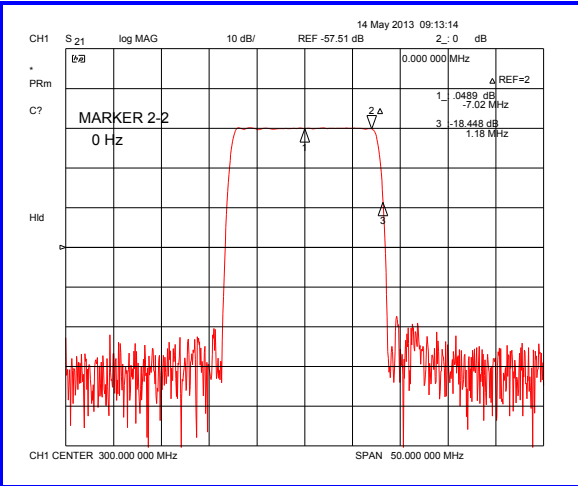
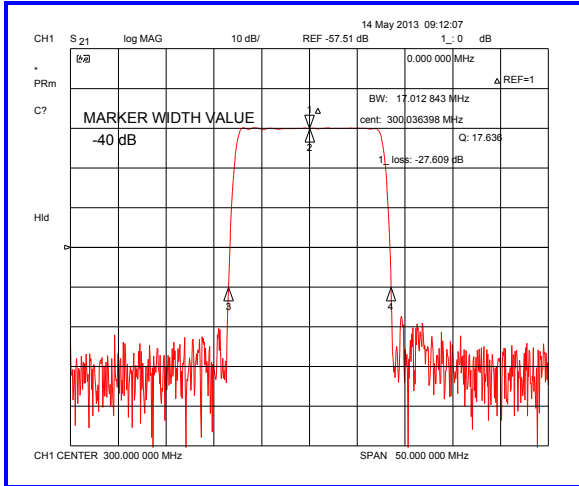


#### Matching Configuration



50Ω Single-ended  
 $L1=12\text{nH}$ ,  $L=3.3\text{nH}$ ,  $C1=24\text{pF}$ ,  $C2=7\text{pF}$   
 Source / Load Impedance = 50Ω  
 Ambient Temperature = 25°C

Rev 0. 130514



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