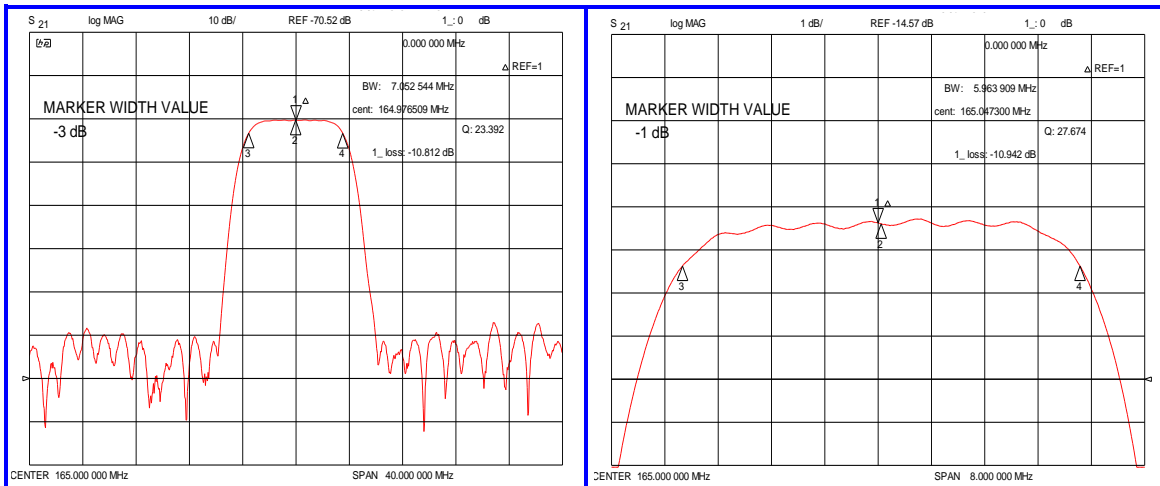


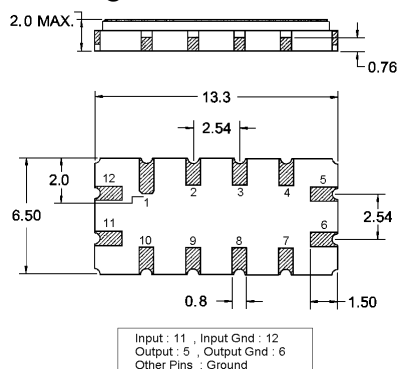
Typical Performance



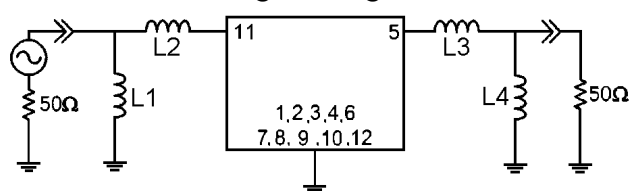
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	-	165.00	-
Insertion Loss	dB	-	11.71	13.00
1dB Bandwidth	MHz	5.85	5.96	-
40dB Bandwidth	MHz	-	11.03	11.20
Relative Attenuation				
157.5MHz	dB	40	50	-
172.5MHz	dB	40	50	-
Passband Ripple($F_c \pm 2\text{MHz}$)	dB	-	0.40	1.00
Group Delay Variation($F_c \pm 2\text{MHz}$)	nsec	-	40	80
Absolute Delay	μsec	-	0.67	-
Ultimate Attenuation	dB	-	47	-
Substrate Material	-	112-LiTaO ₃		
Temperature Coefficient	ppm/ $^{\circ}\text{C}$	-20		

Package Dimension



Matching Configuration



50 Ω Single-ended
 $L1=33\text{nH}$, $L2=15\text{nH}$, $L3=15\text{nH}$, $L4=27\text{nH}$
 Source / Load Impedance = 50 Ω
 Ambient Temperature = 25 $^{\circ}\text{C}$

Rev0. 150630

