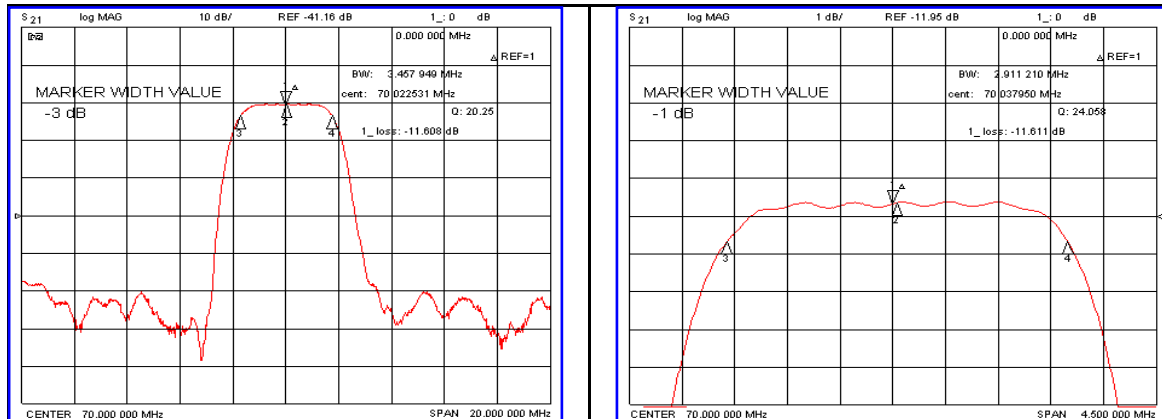


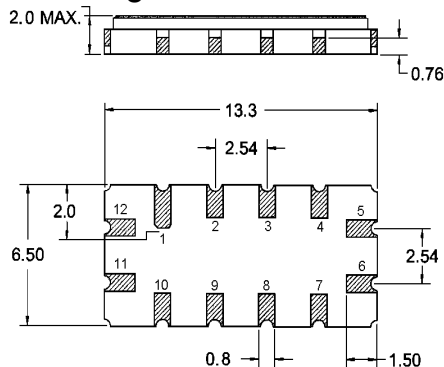
Typical Performance



Specification

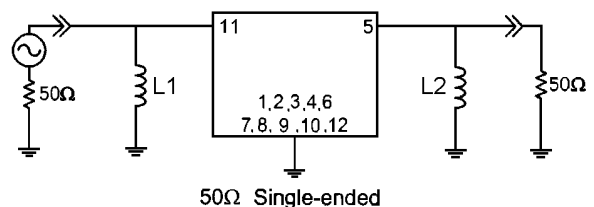
Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	69.90	70.00	70.10
Insertion Loss	dB	-	11.60	13.00
1dB Bandwidth	MHz	-	2.90	-
3dB Bandwidth	MHz	3.00	3.45	-
40dB Bandwidth	MHz	-	5.60	6.00
Passband Ripple	dB	-	0.30	0.70
Group Delay Variation($F_c \pm 1.5\text{MHz}$)	nsec	-	60	90
Absolute Delay	μsec	-	1.23	-
Ultimate Attenuation	dB	40	48	-
Substrate Material	-	112-LiTaO ₃		
Temperature Coefficient	ppm/ $^{\circ}\text{C}$	-20		

Package Dimension



Input : 11 , Input Gnd : 12
 Output : 5 , Output Gnd : 6
 Other Pins : Ground

Matching Configuration



$L1=68\text{nH}$, $L2=68\text{nH}$
 Source / Load Impedance = 50 Ω
 Ambient Temperature = 25 $^{\circ}\text{C}$

Rev1. 071207

