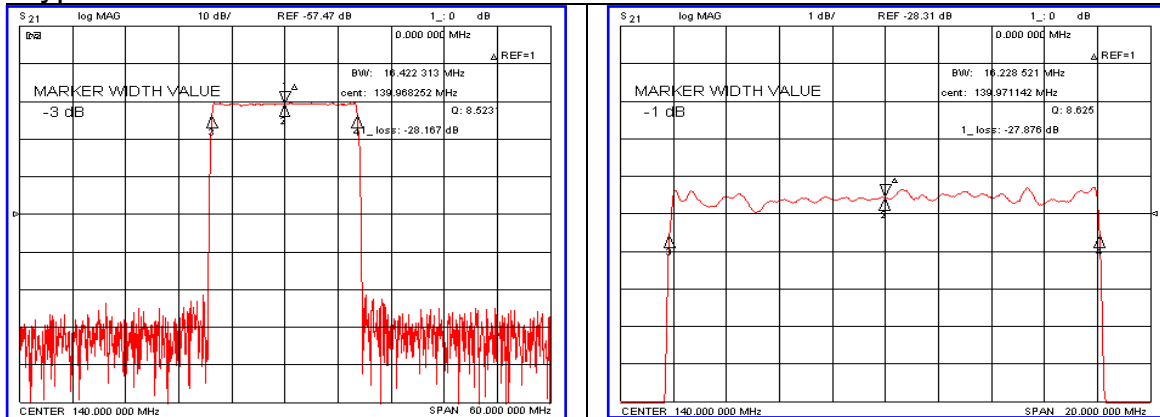


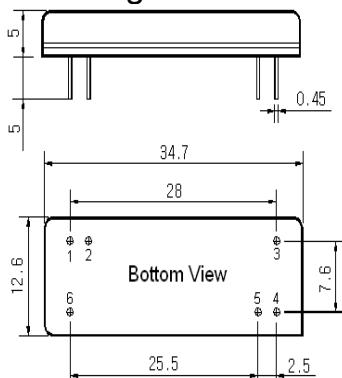
### Typical Performance



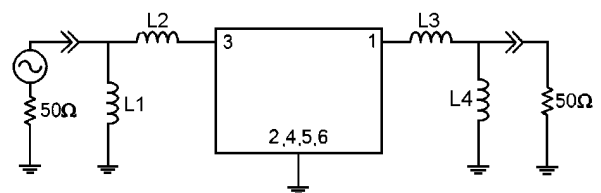
### Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	139.85	140.00	14015
Insertion Loss	dB	-	28.20	30.00
1dB Bandwidth	MHz	16.00	16.22	-
3dB Bandwidth	MHz	-	16.42	-
40dB Bandwidth	MHz	-	17.30	17.50
Passband Ripple	dB	-	0.66	1.00
Group Delay Variation	nsec	-	50	100
Absolute Delay	µsec	-	3.93	-
Attenuation from 70MHz				
131.7 & 148.3 MHz	dB	3	5	-
131.3 & 148.7 MHz	dB	30	45	-
131.1 & 148.9 MHz	dB	35	50	-
130.7 & 149.3 MHz	dB	45	55	-
126.7 & 153.3 MHz	dB	45	55	-
Substrate Material	-	112-LiTaO <sub>3</sub>		
Temperature Coefficient	ppm/°C <sup>2</sup>	-20		

### Package Dimension



### Matching Configuration



50Ω Single-ended

L1=L4=27nH, L2=1.5nH, L3=2.2nH

Source / Load Impedance = 50Ω

Ambient Temperature = 25°C

Rev0. 070724

