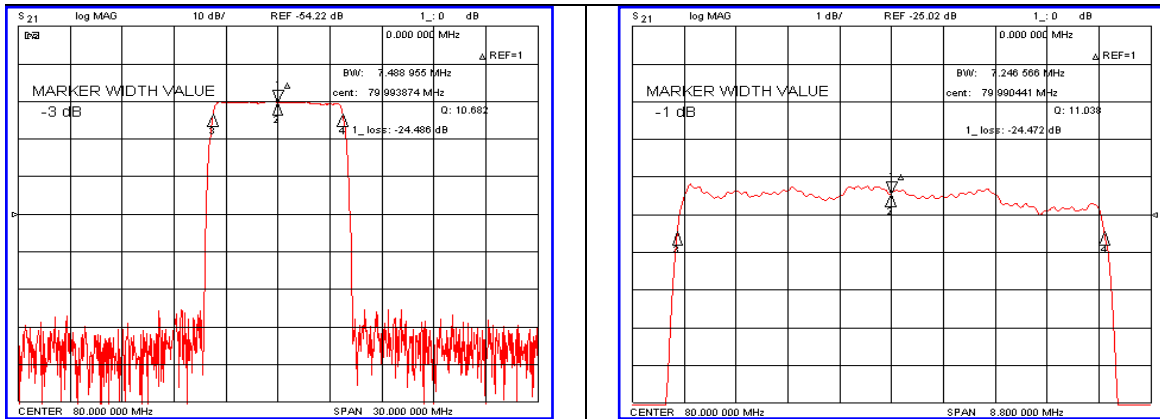


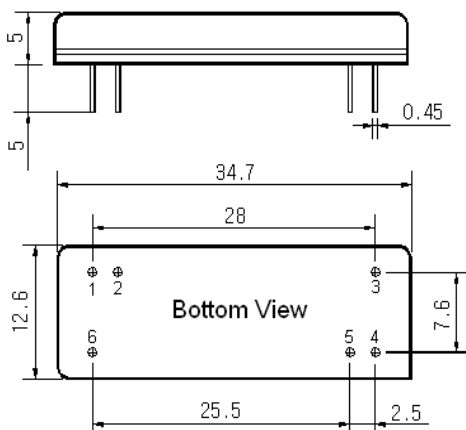
### Typical Performance



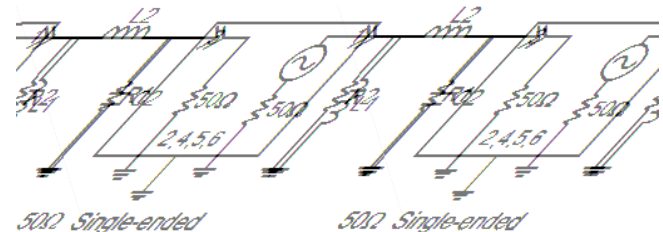
### Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	79.92	80.00	80.08
Insertion Loss	dB	-	24.50	26.00
1dB Bandwidth	MHz	7.10	7.24	-
3dB Bandwidth	MHz	7.30-	7.48	-
40dB Bandwidth	MHz	-	8.42	8.50
Return Loss 1dB Bandwidth	dB	7	8	-
Passband Ripple	dB	-	0.85	1.00
Group Delay Variation	nsec	-	100	150
Absolute Delay	usec	-	3.13	3.70
Ultimate Attenuation	dB	50	55	-
Substrate Material	-	YZ-LiNbO <sub>3</sub>		
Temperature Coefficient	ppm/°C	-94		

### Package Dimension

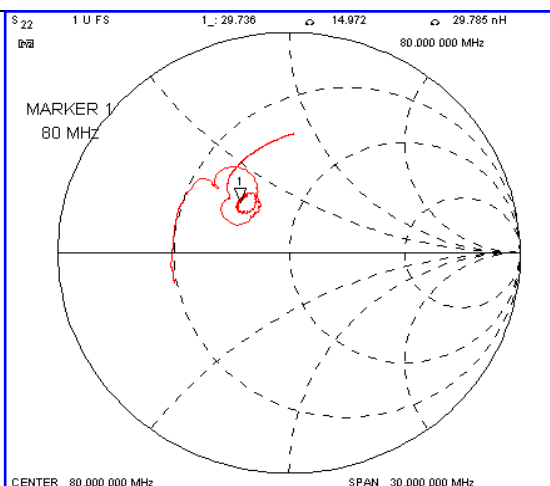
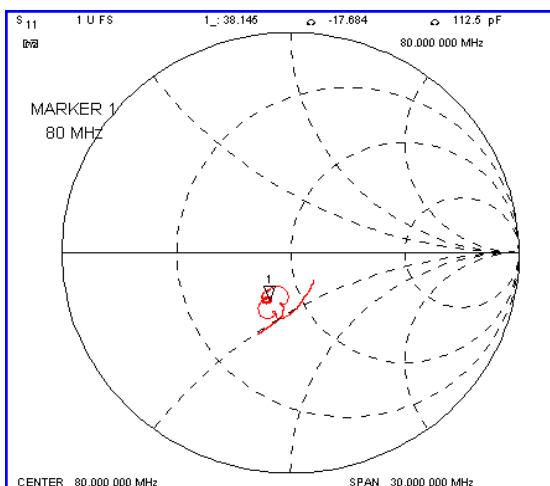
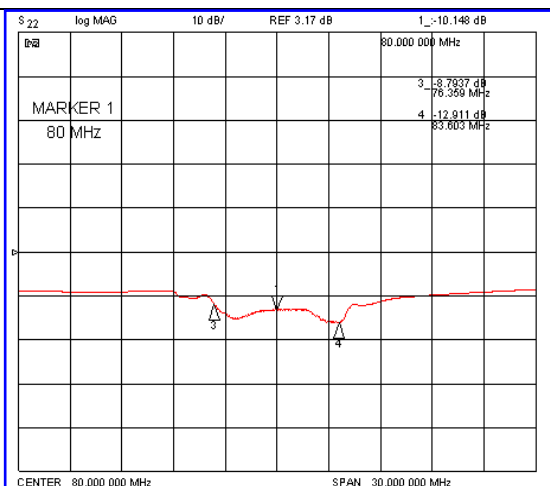
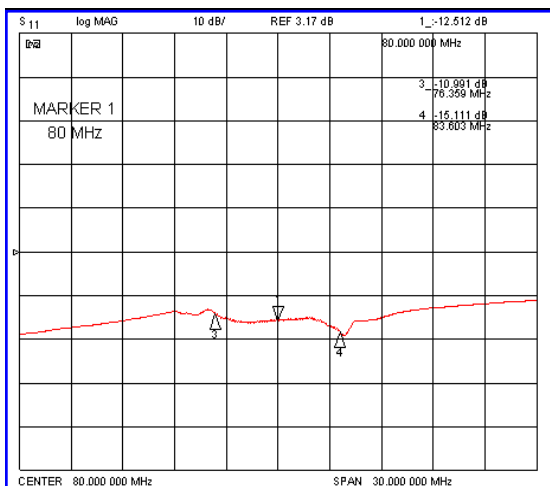
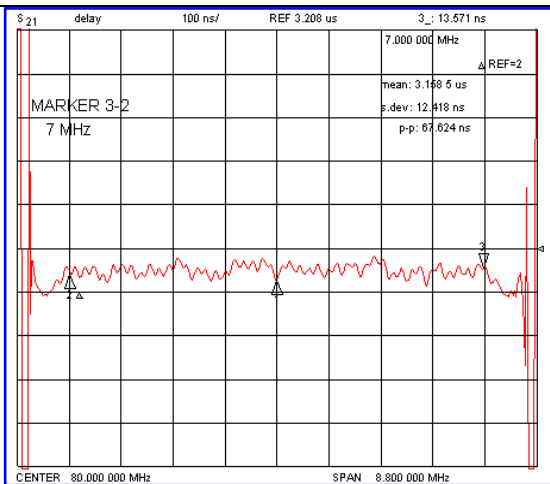
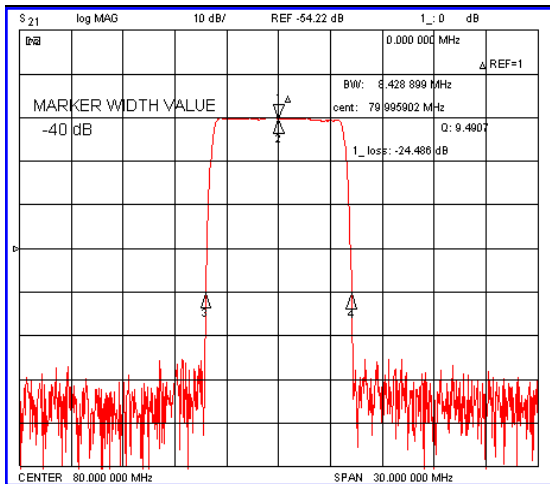


### Matching Configuration



L1=180nH, L2=120nH, C1=15pF, R1=75 Ω, R2=270 Ω  
 Source / Load Impedance = 50Ω  
 Ambient Temperature = 25°C

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