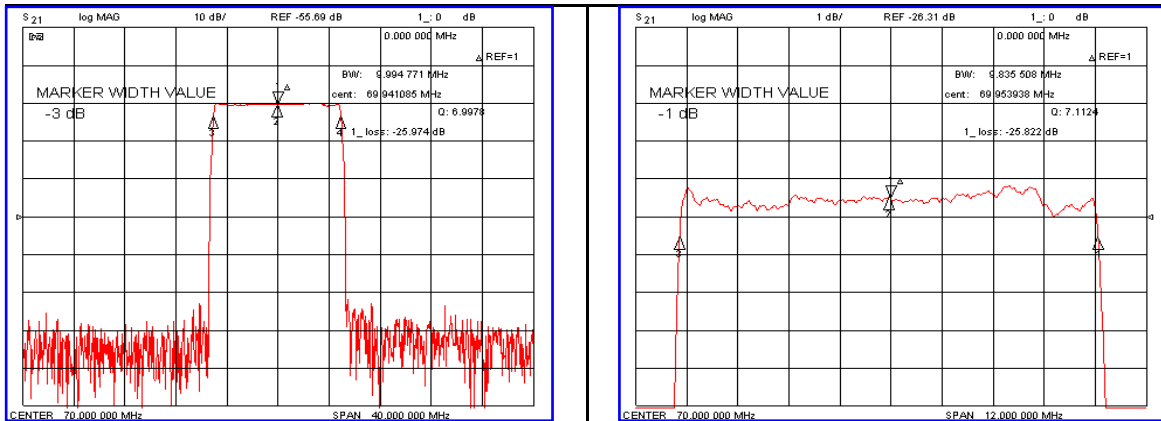


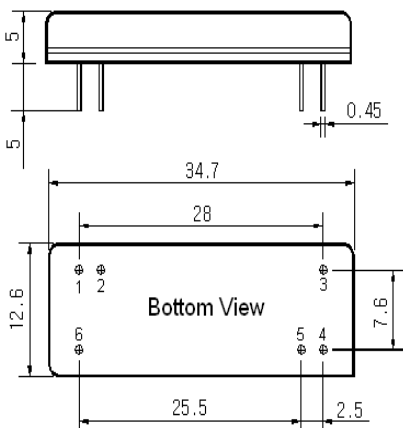
Typical Performance



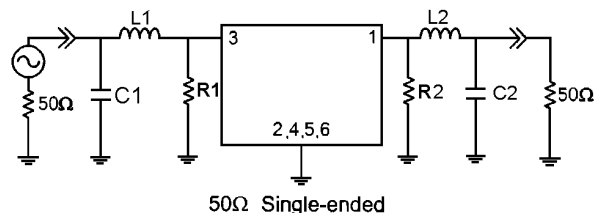
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency (Fc)	MHz	69.92	70.00	70.08
Insertion Loss	dB	-	26.00	27.50
1dB Bandwidth	MHz	9.75	9.83	-
3dB Bandwidth	MHz	-	9.99	-
40dB Bandwidth	MHz	-	10.65	10.75
Return loss 1dB Bandwidth	dB	7	8	-
Passband Ripple	dB	-	0.82	1.20
Group Delay Variation (Fc±4.8MHz, Peak to peak)	nsec	-	90	180
Absolute Delay	μsec	-	4.07	-
Ultimate Attenuation	dB	50	53	-
Substrate Material	-	128-LiNbO ₃		
Temperature Coefficient	ppm/°C	-72		

Package Dimension



Matching Configuration



L1=120nH, L2=100nH, C1=27pF, C2=12pF
R1=91 Ω, R2=160 Ω
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

Rev0. 090330

