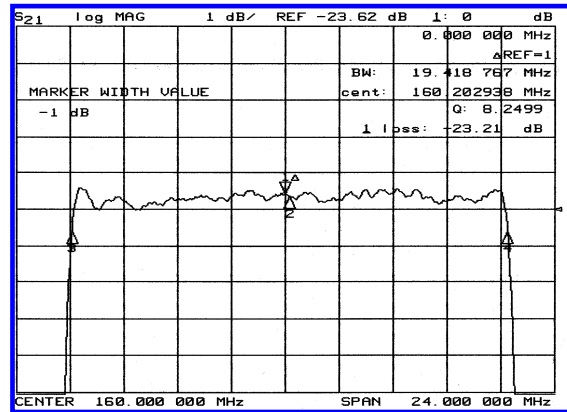
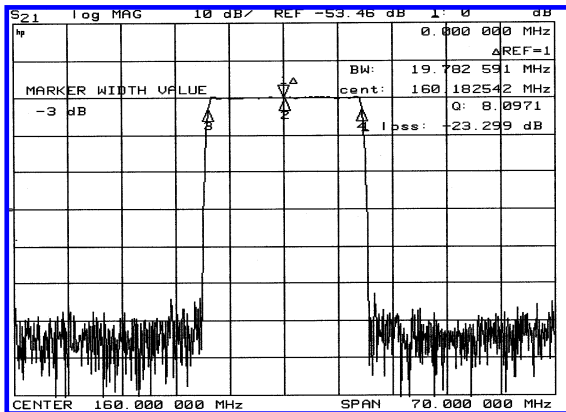


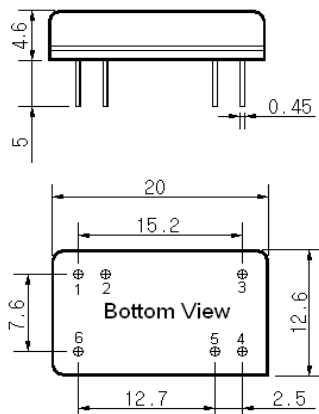
Typical Performance



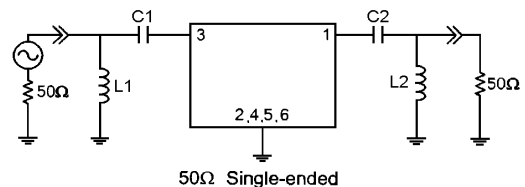
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	Mhz	-	160.20	-
Insertion Loss	dB	-	23.50	25.00
1dB Bandwidth	Mhz	19.30	19.41	-
3dB Bandwidth	Mhz	19.70	19.78	-
40dB Bandwidth	Mhz	-	21.29	21.50
50dB Bandwidth	Mhz	-	21.44	-
Passband Ripple	dB	-	0.65	1.00
Group Delay Variation	nsec	-	50	100
Absolute Delay	µsec	-	2.0	-
Ultimate Attenuation	dB	50	55	-
Substrate Material	-	128-LiNbO ₃		
Temperature Coefficient	ppm/°C ²	-72		

Package Dimension



Matching Configuration



$L1 = L2 = 56\text{nH}$, $C1 = C2 = 75\text{pF}$
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

12/10/2004

