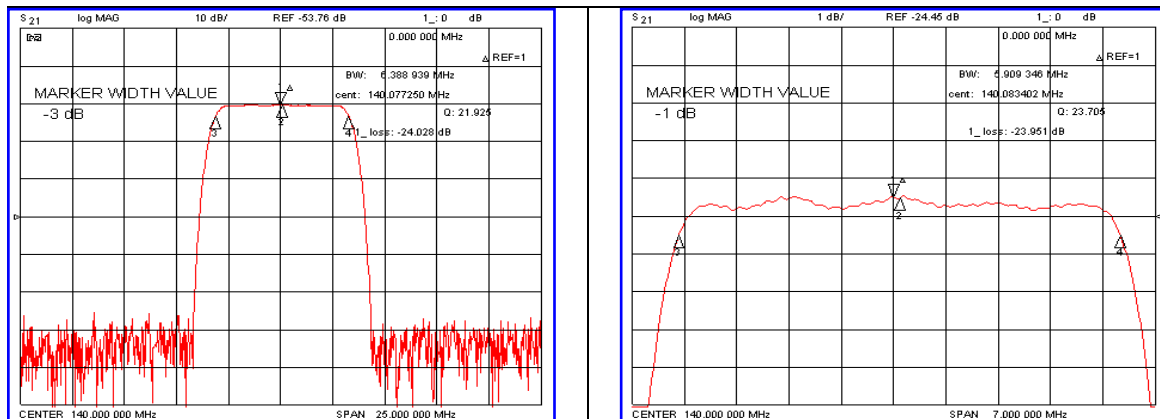


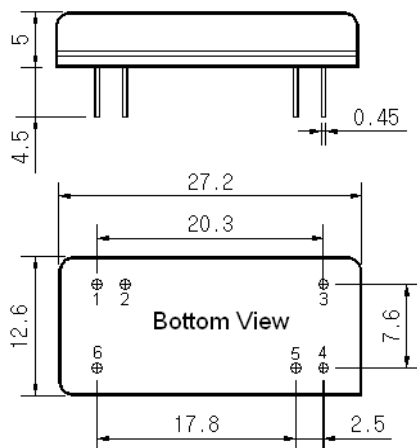
Typical Performance



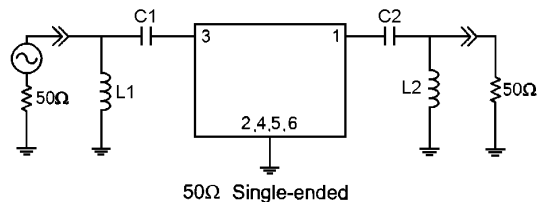
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	139.85	140.00	140.15
Insertion Loss	dB	-	24.00	25.50
1dB Bandwidth	MHz	5.60	5.90	-
3dB Bandwidth	MHz	-	6.38	-
40dB Bandwidth	MHz	-	8.20	8.50
Passband Ripple	dB	-	0.39	1.00
Group Delay Variation	nsec	-	50	80
Absolute Delay	µsec	-	2.74	-
Ultimate Attenuation	dB	50	58	-
Substrate Material	-	112-LiTaO ₃		
Temperature Coefficient	ppm/°C	-20		

Package Dimension



Matching Configuration



L1=47nH, L2=150nH, C1=160pF, C2=47pF
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

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