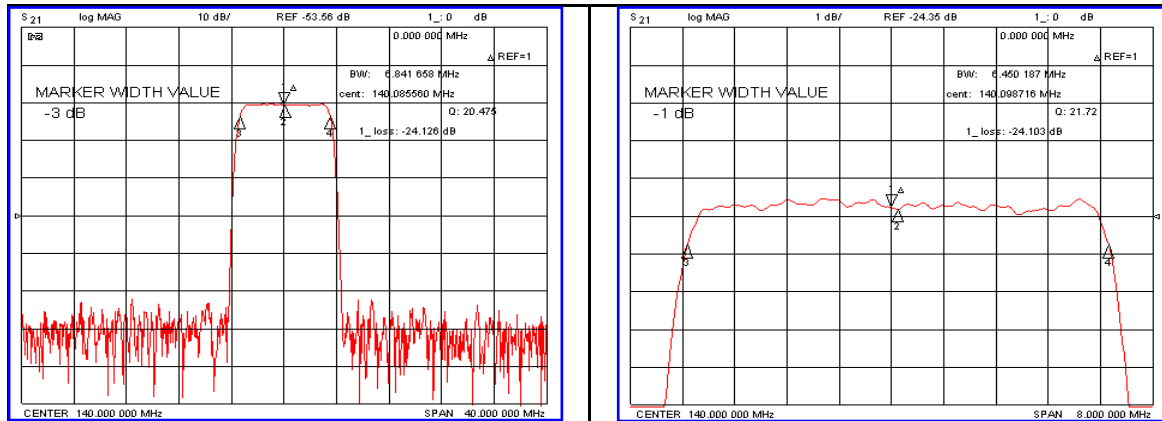


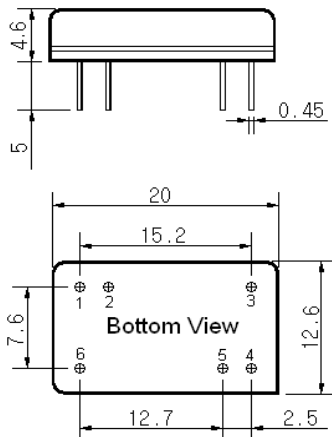
Typical Performance



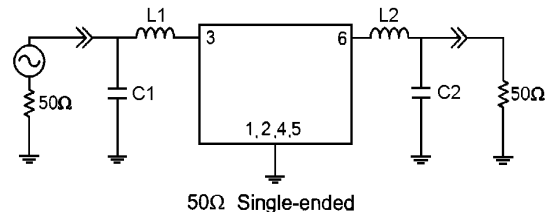
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	139.85	140.00	140.15
Insertion Loss	dB	-	24.20	26.00
1dB Bandwidth	MHz	6.30	6.45	-
3dB Bandwidth	MHz	-	6.84	-
40dB Bandwidth	MHz	-	8.33	8.50
Passband Ripple	dB	-	0.45	1.00
Group Delay Variation	nsec	-	100	200
Absolute Delay	µsec	-	1.93	-
Ultimate Attenuation	dB	47	52	-
Substrate Material	-	112-LiTaO ₃		
Temperature Coefficient	ppm/°C	-20		

Package Dimension



Matching Configuration



L1=18nH, L2=15nH, C1=56pF, C2=62pF
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

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