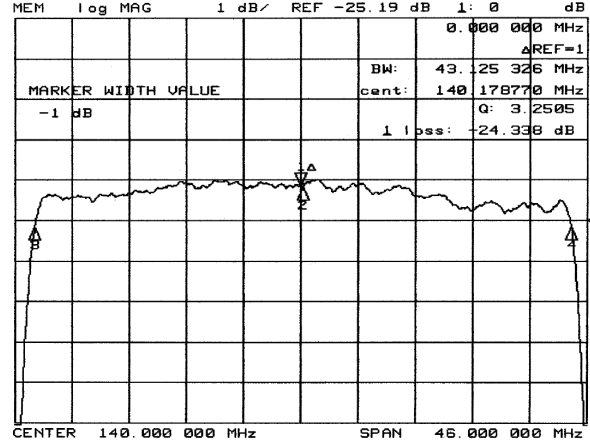
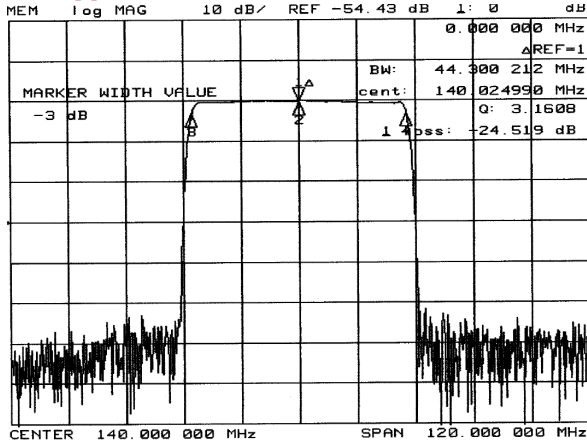


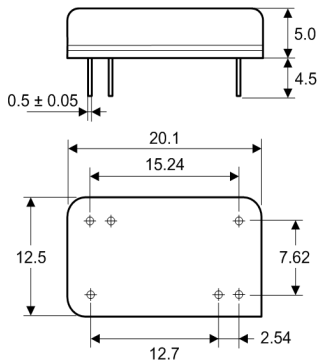
Typical Performance



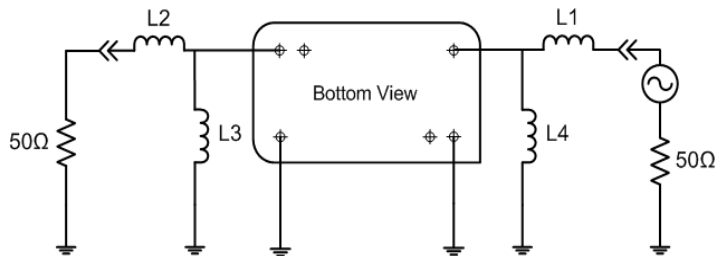
Specification

Index	Unit	Min	Typical	Max
Center Frequency	MHz	139.80	140.00	140.20
Insertion Loss	dB	-	24.5	26.0
1 dB Bandwidth	MHz	42.80	43.13	-
3 dB Bandwidth	MHz	44.00	44.30	-
40 dB Bandwidth	MHz	-	48.58	49.00
Passband Ripple	dB	-	0.75	1.00
Group Delay Variation	nsec	-	15	30
Absolute Delay	μsec	-	1.08	-
Ultimate Rejection	dB	50	55	-
Substrate Material	-	128-LiNbO3		
Temperature Coefficient	ppm/°C	-72		
Package	mm	20		

Package Dimension



Matching Configuration



L1=22nH, L2=12nH, L3=82nH, L4=68nH
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C