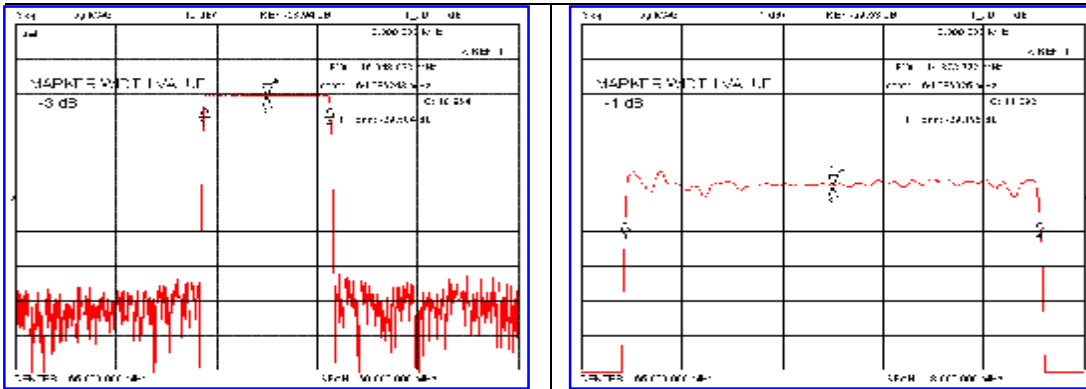


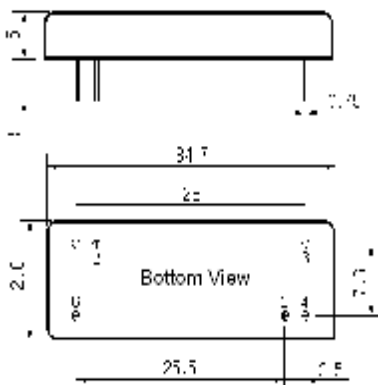
Typical Performance



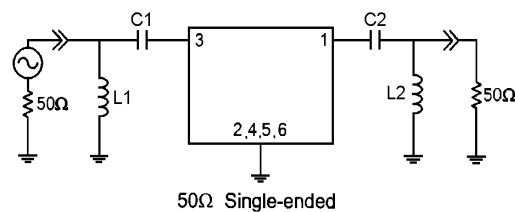
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	Mhz	164.85	165.00	165.15
Insertion Loss	dB	-	29.60	31.00
1dB Bandwidth	Mhz	14.70	14.87	-
3dB Bandwidth	Mhz	-	15.04	-
20dB Bandwidth	Mhz	-	15.58	-
30dB Bandwidth	Mhz	-	15.72	-
35dB Bandwidth	Mhz	-	15.78	-
45dB Bandwidth	Mhz	-	15.88	16.00
Passband Ripple	dB	-	0.8	1.20
Group Delay Variation	nsec	-	60	100
Absolute Delay	μsec	-	4.31	-
Ultimate Attenuation	dB	48	52	-
Substrate Material	-	112-LT		
Temperature Coefficient	ppm/°C	-20		

Package Dimension

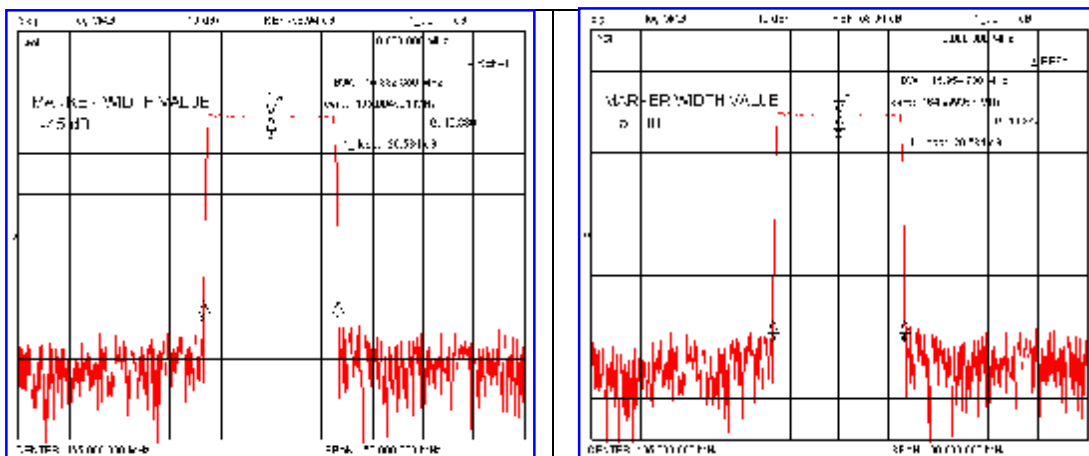
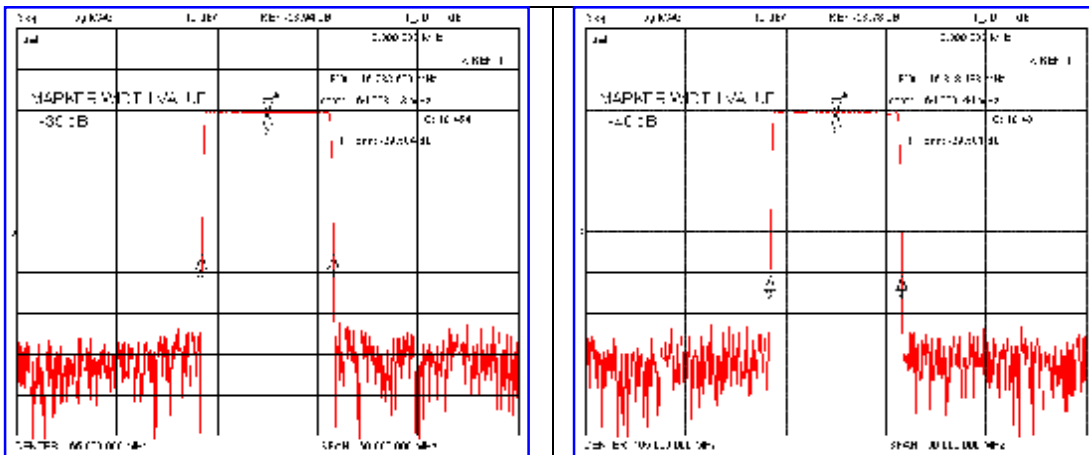
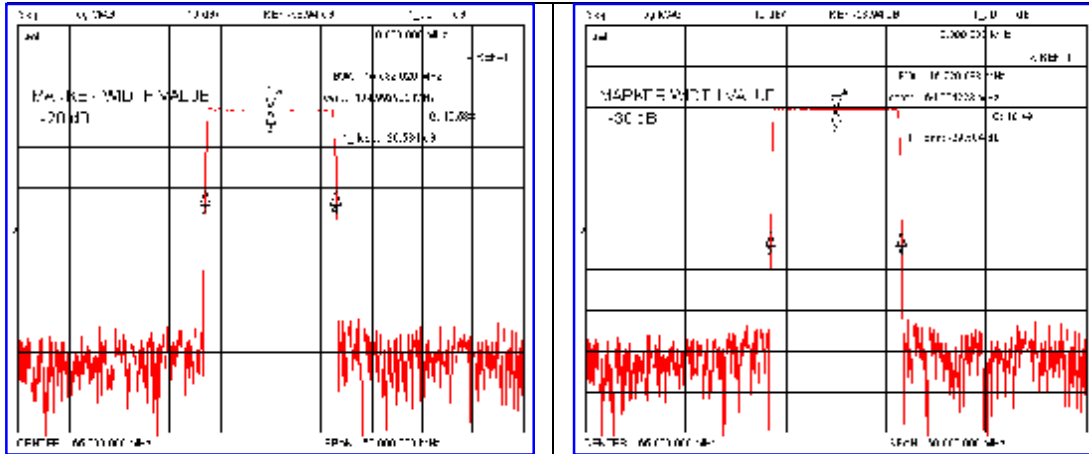


Matching Configuration



L1=22nH, L2=27nH, C1=100pF, C2=120pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

Rev 1. 070418



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