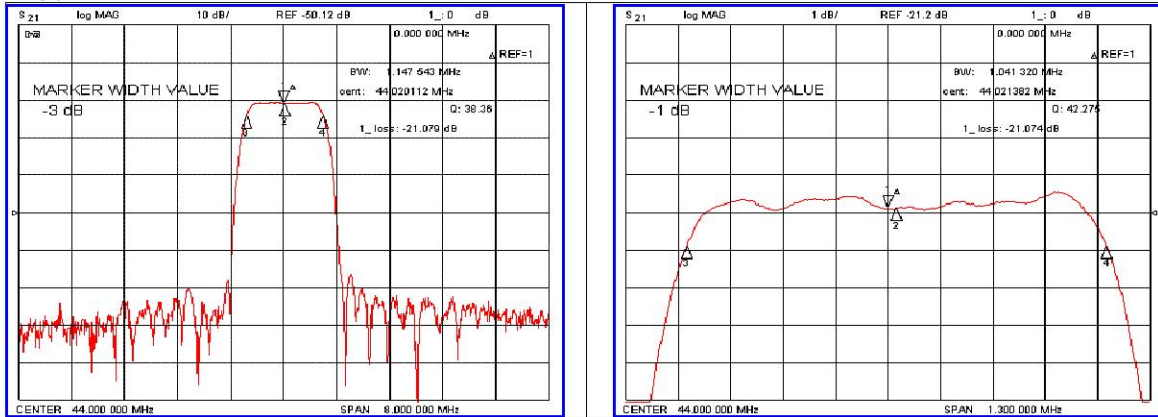


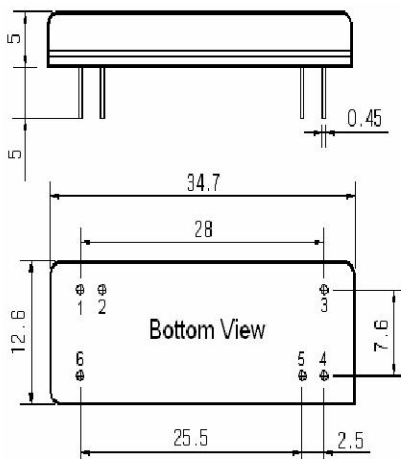
### Typical Performance



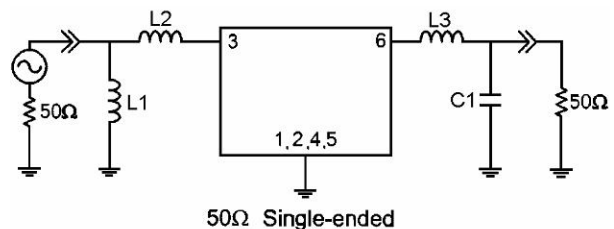
### Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	43.92	44.00	44.08
Insertion Loss	dB	-	21.50	24.00
1dB Bandwidth	MHz	-	1.04	-
3dB Bandwidth	MHz	1.08	1.14	-
30dB Bandwidth	MHz	-	1.55	1.70
Relative Attenuation				
$F_c \pm 0.8\text{MHz}$	dB	30	32	-
$F_c \pm 3.0\text{MHz}$	dB	40	55	-
Passband Ripple	dB	-	0.50	1.00
Group Delay Variation	nsec	-	250	350
Absolute Delay	μsec	-	3.92	-
In-Out Return Loss at $F_c$	dB	-	12.5	-
Substrate Material	-	Quartz		
Temperature Coefficient	ppm/°C	-0.03		

### Package Dimension



### Matching Configuration



L1=150nH, L2=470nH, L3=560nH, C1=120pF  
 Source / Load Impedance = 50Ω  
 Ambient Temperature = 25°C

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