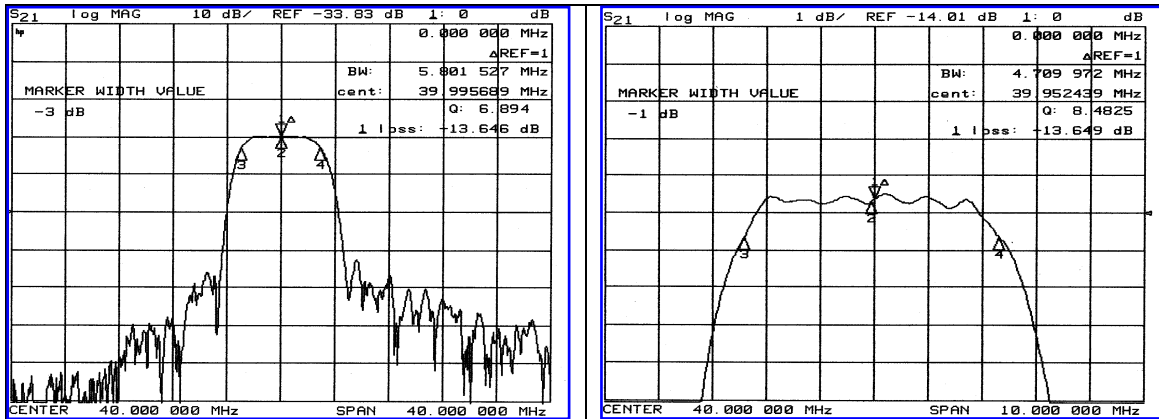


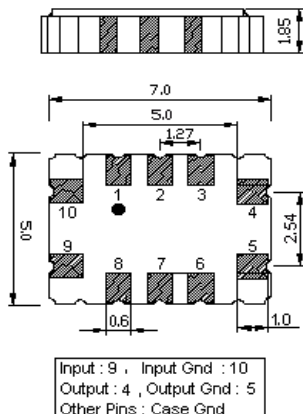
Typical Performance



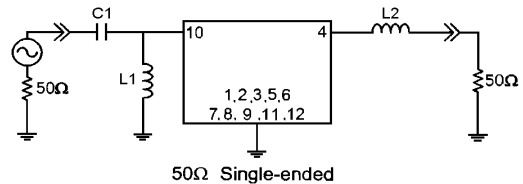
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	39.92	40.00	40.08
Insertion Loss	dB	-	13.50	15.00
1dB Bandwidth	MHz	4.50	4.70	-
3dB Bandwidth	MHz	5.60	5.80	-
30dB Bandwidth	MHz	-	8.90	9.50
50dB Bandwidth	MHz	-	-	-
Passband Ripple	dB	-	0.55	1.00
Group Delay Variation	nsec	-	50	100
Absolute Delay	μsec	-	0.7	-
Ultimate Attenuation	dB	30	40	-
Substrate Material	-	YZ-LN		
Temperature Coefficient	ppm/°C ²	-94		

Package Dimension



Matching Configuration



L1=0.39μH , L2=0.56μH , C1=33pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

11/25/2004

