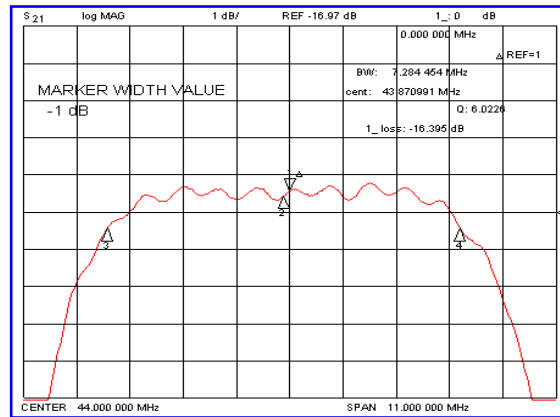
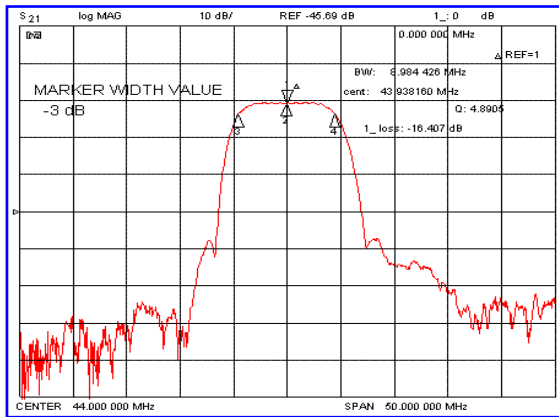


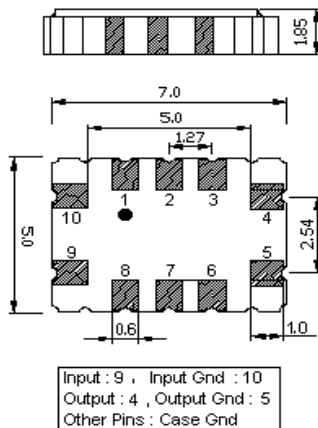
Typical Performance



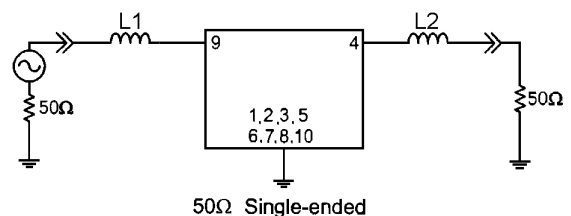
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	Mhz	43.85	44.00	44.15
Insertion Loss	dB	-	16.50	18.00
1dB Bandwidth	Mhz	-	7.28	-
3dB Bandwidth	Mhz	8.50	8.98	-
30dB Bandwidth	Mhz	-	13.50	14.00
Passband Ripple	dB	-	0.55	1.00
Group Delay Variation	nsec	-	60	100
Absolute Delay	µsec	-	0.65	-
Ultimate Attenuation	dB	30	35	
Operating Temperature Range	degree	- 40 ~ + 85		
Substrate Material	-	YZ-LN		
Temperature Coefficient	ppm/°C ²	-86		

Package Dimension



Matching Configuration



L1=680nH , L2=270nH
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

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