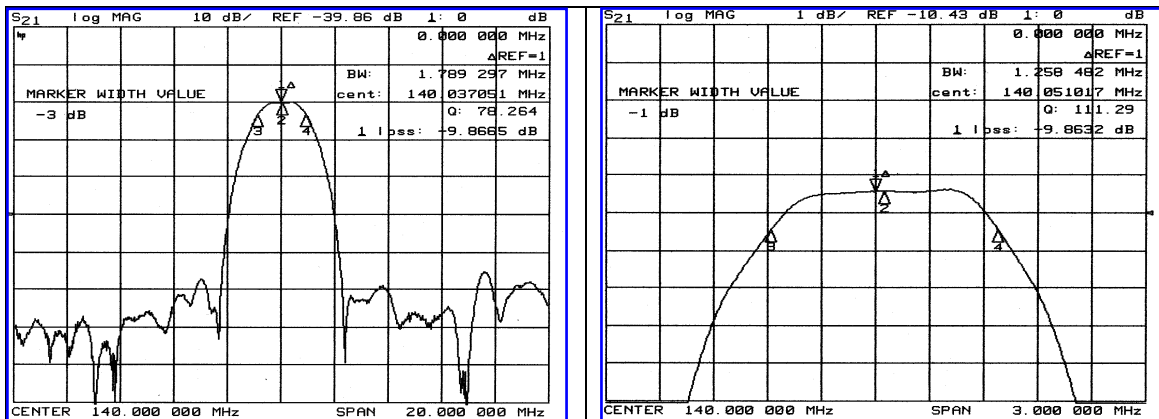


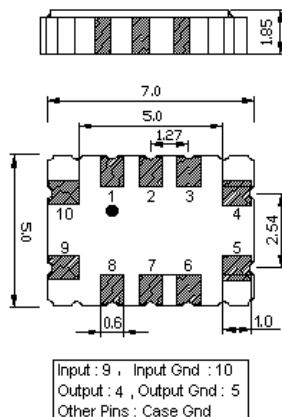
Typical Performance



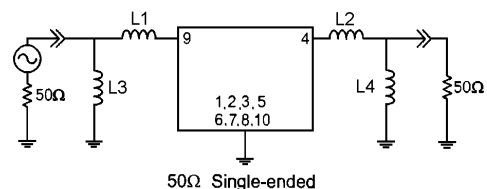
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	139.90	140.00	140.10
Insertion Loss	dB	-	10.00	12.00
1dB Bandwidth	MHz	1.10	1.25	-
3dB Bandwidth	MHz	1.60	1.78	-
30dB Bandwidth	MHz	-	3.93	-
40dB Bandwidth	MHz	-	4.28	4.50
Passband Ripple	dB	-	0.45	1.00
Group Delay Variation	nsec	-	100	200
Absolute Delay	μsec	-	0.6	-
Ultimate Attenuation	dB	40	45	-
Substrate Material	-	Quartz		
Temperature Coefficient	ppm/°C ²	-0.03		

Package Dimension



Matching Configuration



L1=180nH, L2=202nH, L3=24nH, L4=27nH
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

04/26/2005

