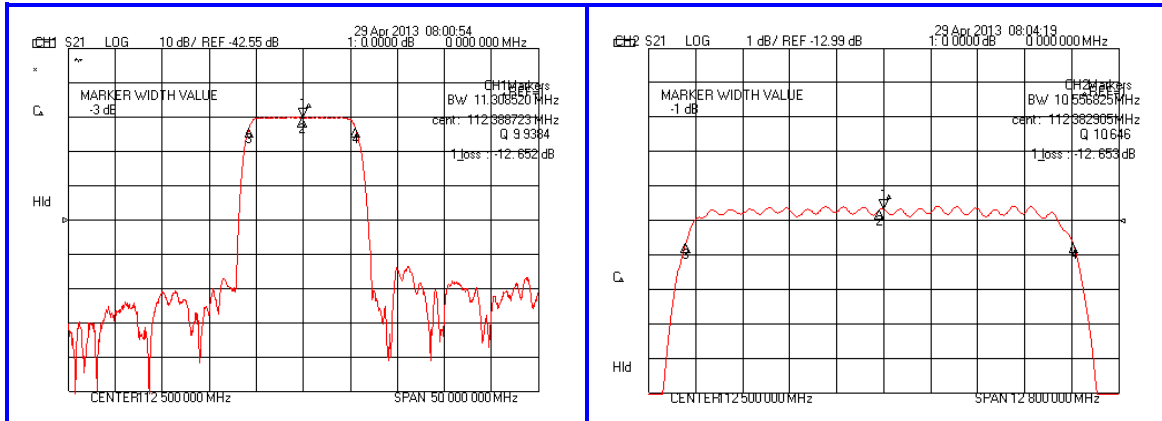


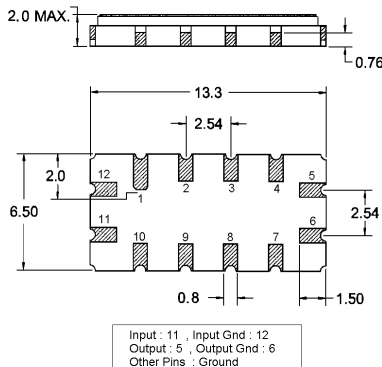
## Typical Performance



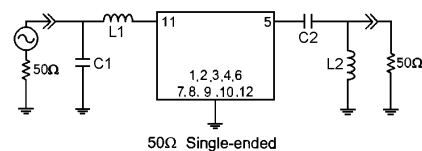
## Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	-	112.50	-
Insertion Loss	dB	-	12.65	14.50
1dB Bandwidth	MHz	10.00	10.55	-
3dB Bandwidth	MHz	-	11.30	-
20dB Bandwidth	MHz	-	13.24	-
40dB Bandwidth	MHz	-	14.16	15.10
Out of Band Gain				
Fc±4.7MHz ±2.7MHz Point	dB	20	40	-
Fc±4.7MHz ±5.0MHz Point	dB	40	47	-
Amplitude Ripple(Fc±4.7Hz)	dB	-	0.40	1.40
Group Delay Variation	nsec	-	100	200
Absolute Delay	µsec	-	0.97	-
Ultimate Attenuation	dB	40	45	-
Substrate Material / T.C.F	ppm/°C	YZ-NiNbO <sub>3</sub> / -86		
Package	mm	13.3 X 6.5 (SMD)		

## Package Dimension



## Matching Configuration



L1=27nH, L2=39nH, C1=51pF, C2=130pF  
Source / Load Impedance = 50Ω  
Ambient Temperature = 25°C

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