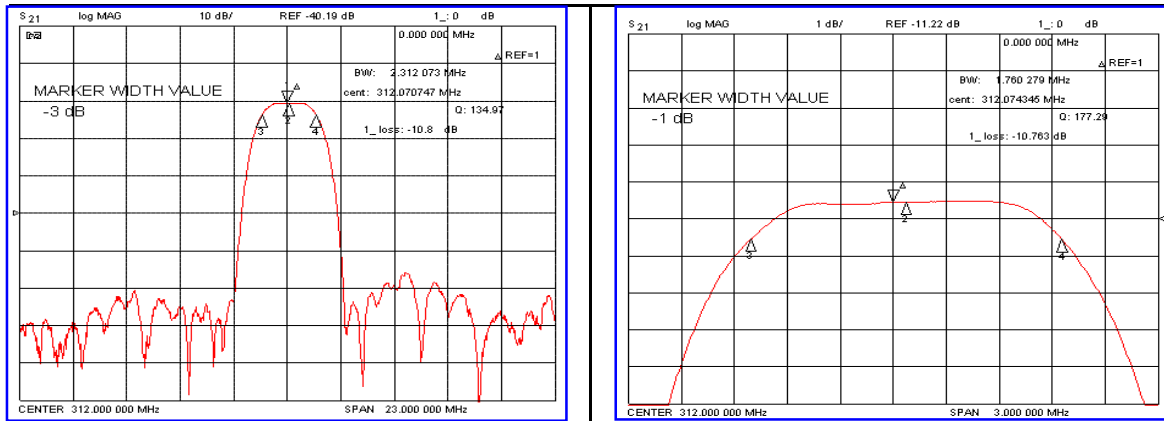


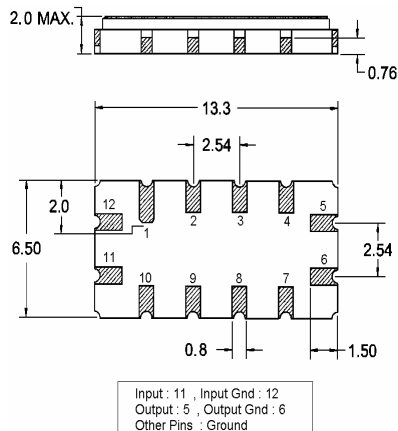
Typical Performance



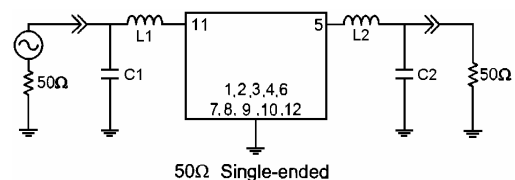
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency (Fc)	MHz	311.80	312.00	312.2
Insertion Loss	dB	-	11.00	14.00
1dB Bandwidth	MHz	1.50	1.75	-
3dB Bandwidth	MHz	-	2.31	-
40dB Bandwidth	MHz	-	4.50	5.00
Passband Ripple	dB	-	0.55	1.00
Group Delay Variation	nsec	-	50	100
Absolute Delay	µsec	-	0.99	-
Ultimate Attenuation	dB	40	45	-
Substrate material	-	Quartz		
Temperature Coefficient	ppm/ jC^2	-0.03		

Package Dimension



Matching Configuration



$L1=L2=33nH$, $C1=24pF$, $C2=30pF$
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

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