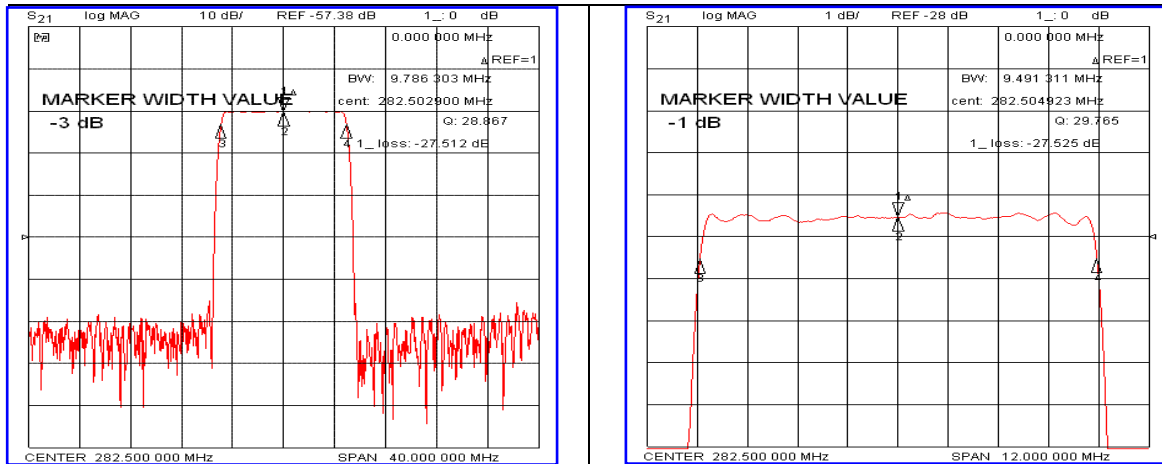


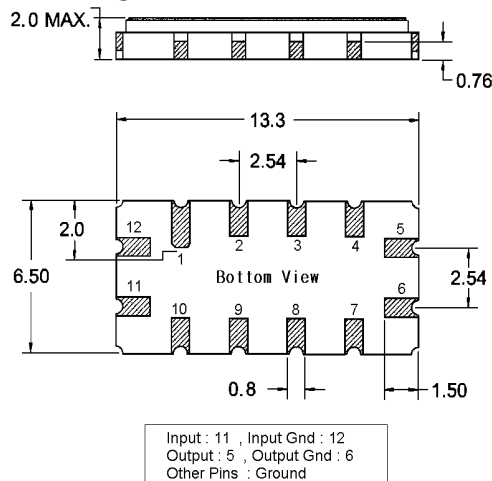
Typical Performance



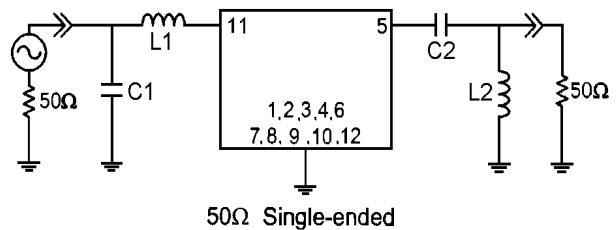
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	-	282.50	-
Insertion Loss	dB	-	27.60	29.50
1dB Bandwidth	MHz	9.30	9.49	-
3dB Bandwidth	MHz	-	9.78	-
40dB Bandwidth	MHz	-	11.05	11.30
Passband Ripple($F_c \pm 4.5\text{MHz}$)	dB	-	0.45	1.40
Group Delay Variation($F_c \pm 4.5\text{MHz}$)	nsec	-	100	200
Absolute Delay	μsec	-	1.60	-
Ultimate Attenuation	dB	40	45	-
Substrate Material	-	Quartz		
Temperature Coefficient	ppm/ $^{\circ}\text{C}$	-0.032		

Package Dimension



Matching Configuration



$L_1=22\text{nH}$, $L_2=12\text{nH}$, $C_1=24\text{pF}$, $C_2=390\text{pF}$
 Source / Load Impedance = 50 Ω
 Ambient Temperature = 25 $^{\circ}\text{C}$

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