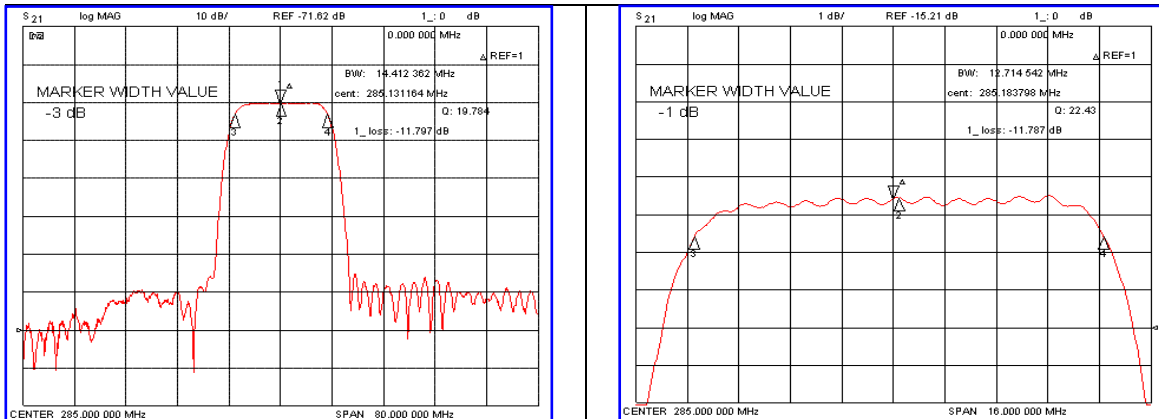


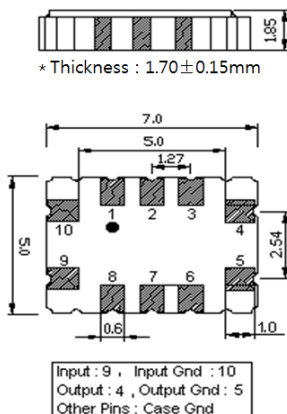
Typical Performance



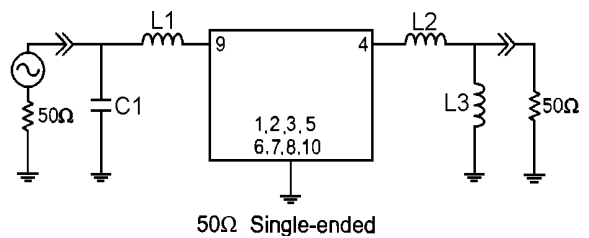
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	-	285.00	-
Insertion Loss	dB	-	11.80	14.00
1dB Bandwidth	MHz	-	12.71	-
3dB Bandwidth	MHz	14.00	14.41	-
35dB Bandwidth	MHz	-	20.10	20.40
40dB Bandwidth	MHz	-	20.50	20.90
Passband Ripple($F_c \pm 5$ MHz)	dB	-	0.45	1.00
Input Output Return Loss at F_c	dB	-	11	-
Group Delay Variation($F_c \pm 5$ MHz)	nsec	-	30	60
Absolute Delay	μ sec	-	0.54	-
Ultimate Attenuation	dB	40	45	-
Substrate Material	-	112-LiTaO ₃		
Temperature Coefficient	ppm/ $^{\circ}$ C	-20		

Package Dimension



Matching Configuration



$L1=27$ nH, $L2=10$ nH, $L3=12$, $C1=27$ pF
Source / Load Impedance = 50 Ω
Ambient Temperature = 25 $^{\circ}$ C

Rev0. 100127

