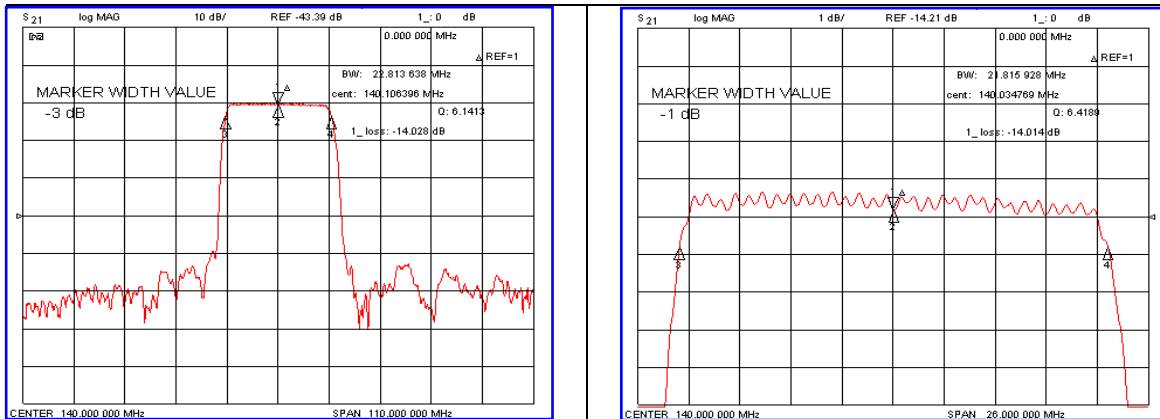


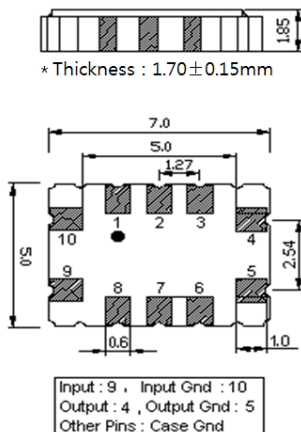
Typical Performance



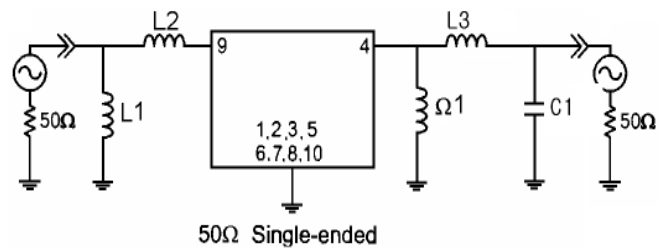
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	139.80	140.00	140.20
Insertion Loss	dB	-	14.10	16.00
1dB Bandwidth	MHz	21.50	21.81	-
3dB Bandwidth	MHz	-	22.81	-
30dB Bandwidth	MHz	-	26.65	27.00
Passband Ripple	dB	-	0.65	1.00
Group Delay Variation	nsec	-	50	100
Absolute Delay	µsec	-	0.69	-
In Out Return Loss at Fc	dB	10	11	-
Ultimate Attenuation	dB	35	40	-
Substrate Material	-	YZ-LiNbO ₃		
Temperature Coefficient	ppm/°C	-86		

Package Dimension



Matching Configuration



L1=47nH, L2=27nH, L3=68nH, C1=12pF, Ω1=360Ω
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

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