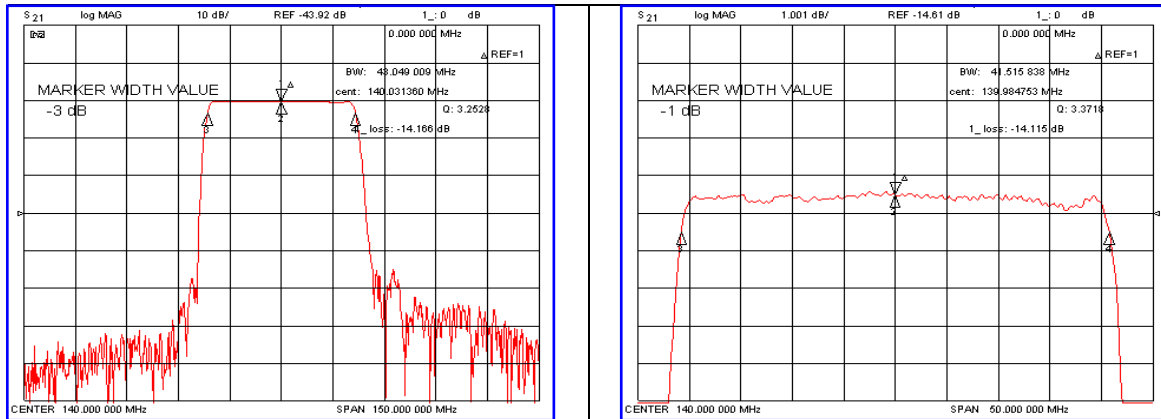


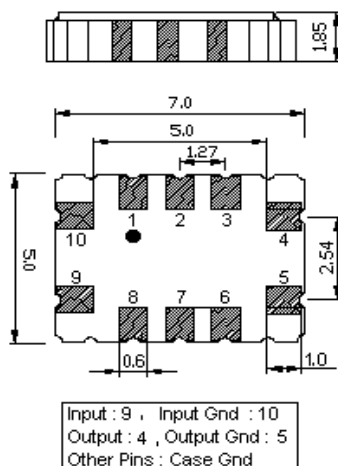
Typical Performance



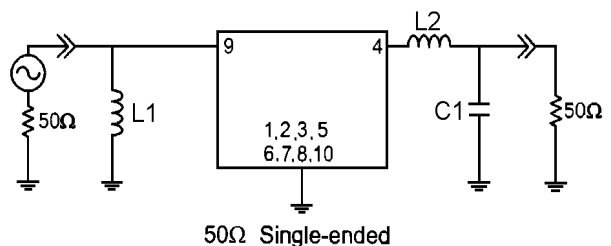
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	139.80	140.00	140.20
Insertion Loss	dB	-	14.20	16.00
1dB Bandwidth	MHz	-	41.51	-
3dB Bandwidth	MHz	42.50	43.04	-
40dB Bandwidth	MHz	-	49.91	52.00
Passband Ripple($F_c \pm 18\text{MHz}$)	dB	-	0.55	1.00
Group Delay Variation($F_c \pm 18\text{MHz}$)	nsec	-	30	50
Absolute Delay	μsec	-	0.64	-
Ultimate Attenuation	dB	40	45	-
Substrate Material	-	Yz-LiNbO ₃		
Temperature Coefficient	ppm/ $^{\circ}\text{C}$	-86		

Package Dimension



Matching Configuration



L1=47nH, L2=47nH, C=12pF
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

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