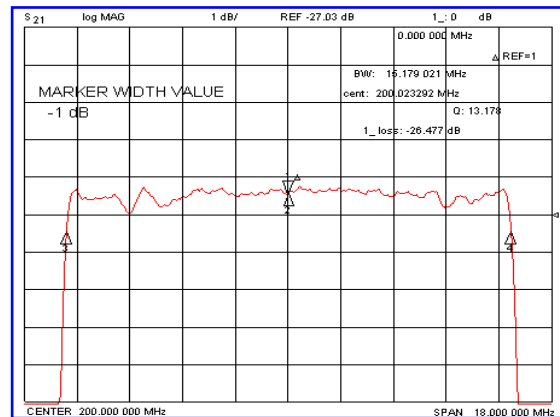
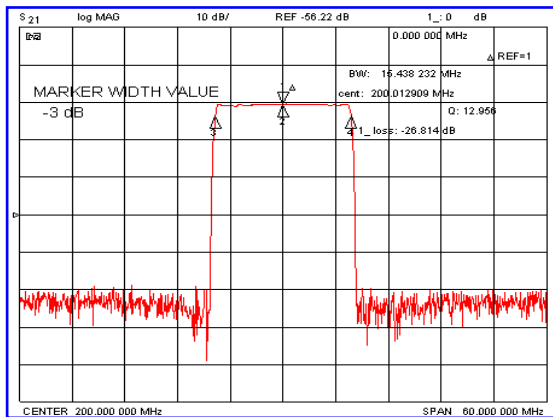


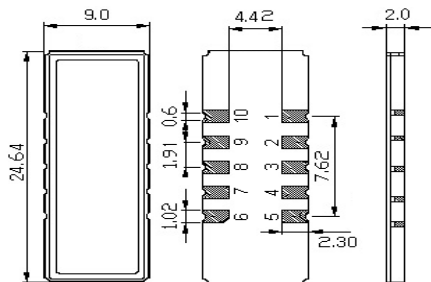
Typical Performance



Specification

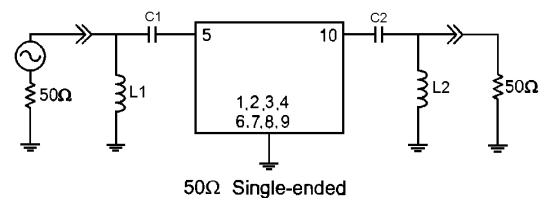
Parameter	Unit	Min.	Typ.	Max.
Center Frequency	Mhz	119.80	200.00	200.20
Insertion Loss	dB	-	26.81	29.00
2dB Bandwidth	Mhz	15.28	15.32	-
3dB Bandwidth	Mhz	15.40	15.43	-
30dB Bandwidth	Mhz	-	16.36	16.45
32dB Bandwidth	Mhz	-	16.39	16.60
38dB Bandwidth	Mhz	-	16.48	16.80
Passband Ripple($F_c \pm 7.2$ MHz)	dB	-	0.75	1.00
Group Delay Variation($F_c \pm 7.2$ MHz)	nsec	-	50	100
Absolute Delay	µsec	2.70	3.00	3.10
Return Loss(F_c)	dB	-	12	-
Ultimate Attenuation	dB	42	48	-
Substrate Material	-	112-LiTaO ₃		
Temperature Coefficient	ppm/°C	-18		

Package Dimension



5 : Input , 6 : In-Gnd
10 : Output , 1 : Out-Gnd
2,3,4,7,8,9 : Case Gnd

Matching Configuration



L1=12nH, L2=15nH, C1=240pF, C2=110pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

Rev0. 070814

