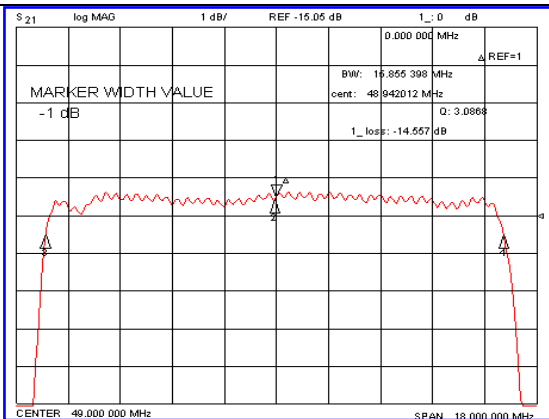
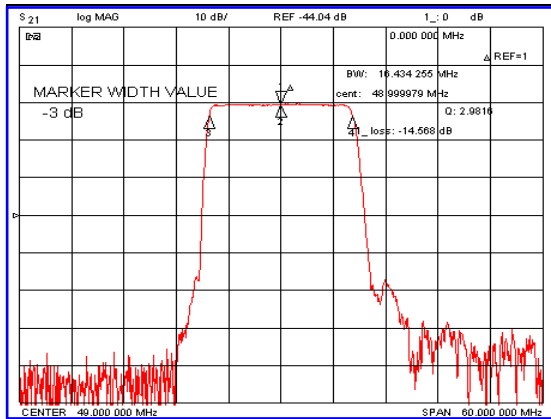


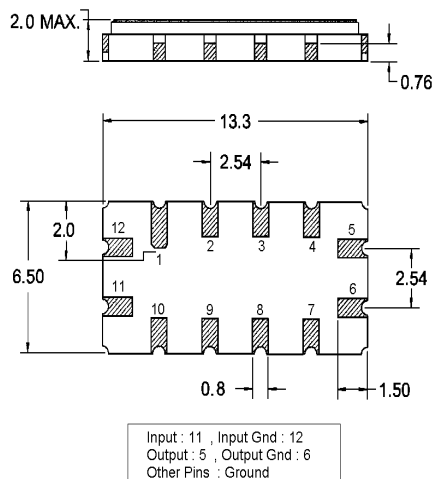
Typical Performance



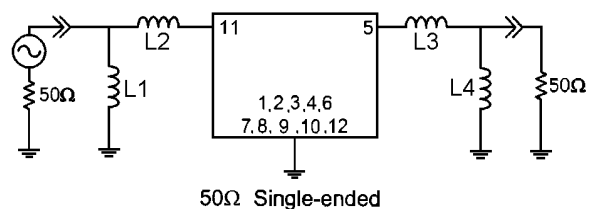
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	48.92	49.00	49.08
Insertion Loss	dB	-	14.56	16.00
1dB Bandwidth	MHz	-	15.85	-
3dB Bandwidth	MHz	16.00	16.43	-
40dB Bandwidth	MHz	-	19.27	20.00
Passband Ripple	dB	-	0.60	1.00
Group Delay Variation	nsec	-	70	120
Absolute Delay	μsec	-	1.42	-
Ultimate Attenuation	dB	40	46	-
Substrate Material	-	YZ-LiNbO ₃		
Temperature Coefficient	ppm/°C	-86		

Package Dimension



Matching Configuration



L1=L3=120nH, L2=68nH, L4=150nH
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

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