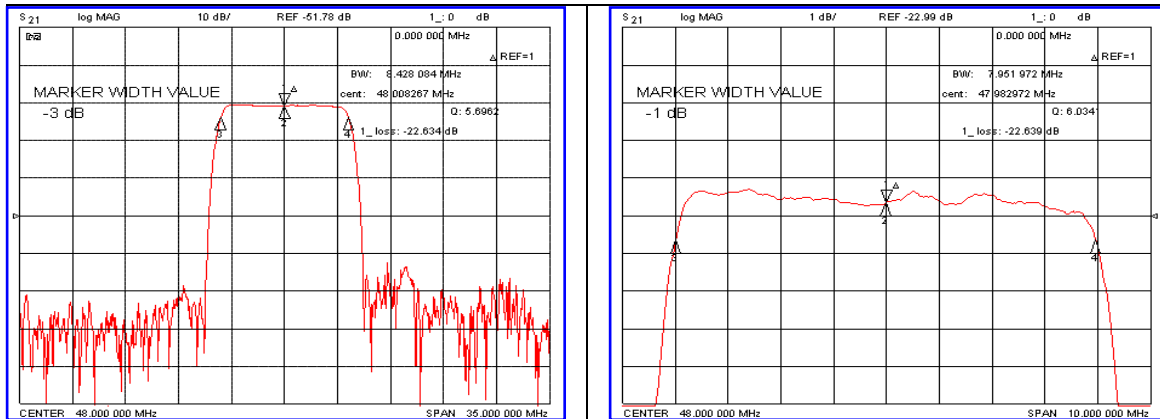


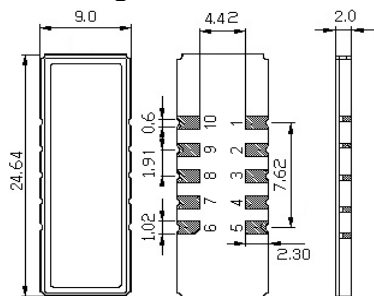
Typical Performance



Specification

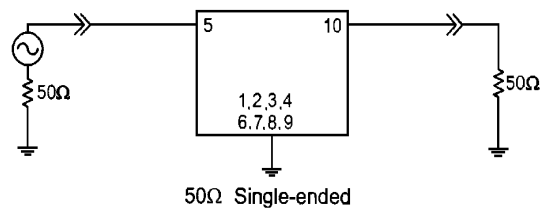
Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	-	48.00	-
Insertion Loss	dB	-	22.63	25.00
1dB Bandwidth	MHz	7.45	7.95	-
3dB Bandwidth	MHz	8.00	8.42	-
38dB Bandwidth	MHz	-	10.23	10.50
Passband Ripple(Fc±3.7MHz)	dB	-	0.65	0.90
Group Delay Variation(Fc±3.70MHz)	nsec	-	45	60
Absolute Delay	µsec	-	1.30	-
Relative Attenuation				
10.0MHz ~ 30.90MHz	dB	38	50	-
41.5MHz & 55.0MHz	dB	38	50	-
Storage Temperature Range	°C	-40 ~ +85		
Operating Temperature Range	°C	0 ~ 70		
Input Power Level	dBm	10 max.		
Substrate Material	-	128-LiNbO ₃		
Temperature Coefficient	ppm/°C	-72		

Package Dimension



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

Matching Configuration



Matching Components are not required
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

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