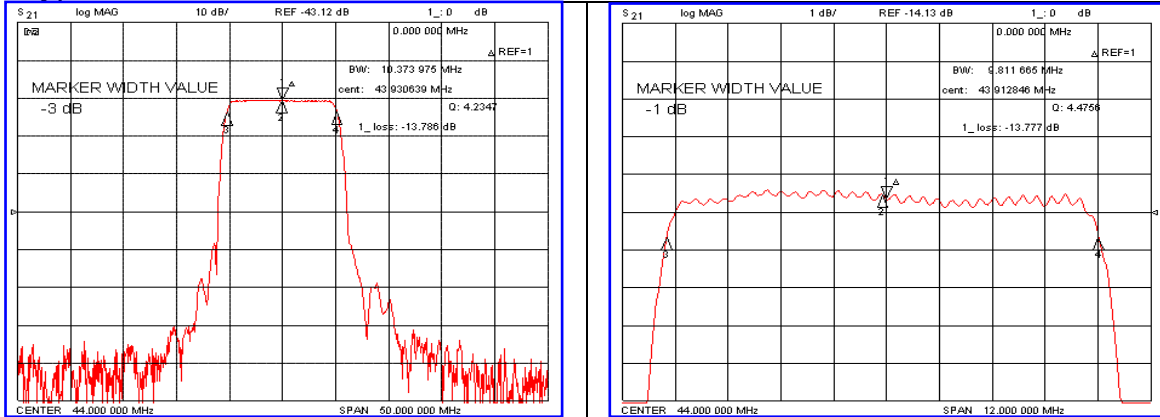


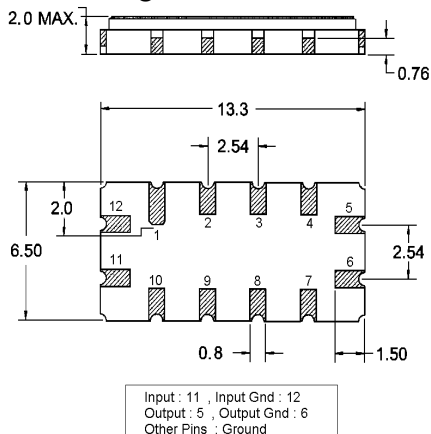
Typical Performance



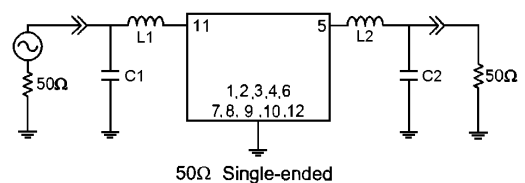
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	43.90	44.00	44.10
Insertion Loss	dB	-	13.80	16.00
1dB Bandwidth	MHz	-	9.81	-
3dB Bandwidth	MHz	10.20	10.37	-
40dB Bandwidth	MHz	-	12.80	16.00
Relative Attenuation				
Fc ± 5.4MHz	dB	4	5.5	-
Fc ± 5.8MHz	dB	14	15.0	-
Fc ± 8.8MHz	dB	40	48	-
23.0 ~ 34.2MHz	dB	40	55	-
53.8 ~ 64.0MHz	dB	40	55	-
Passband Ripple	dB	-	0.70	1.20
Group Delay Variation	nsec	-	100	200
Tripple Transit Supression	dB	35	45	-
Absolute Delay	µsec	-	1.55	-
Substrate Material	-	Yz-LiNbO ₃		
Temperature Coefficient	ppm/°C	-86		

Package Dimension



Matching Configuration



L1=270nH, L2=330nH, C1=33pF, C2=36pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

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