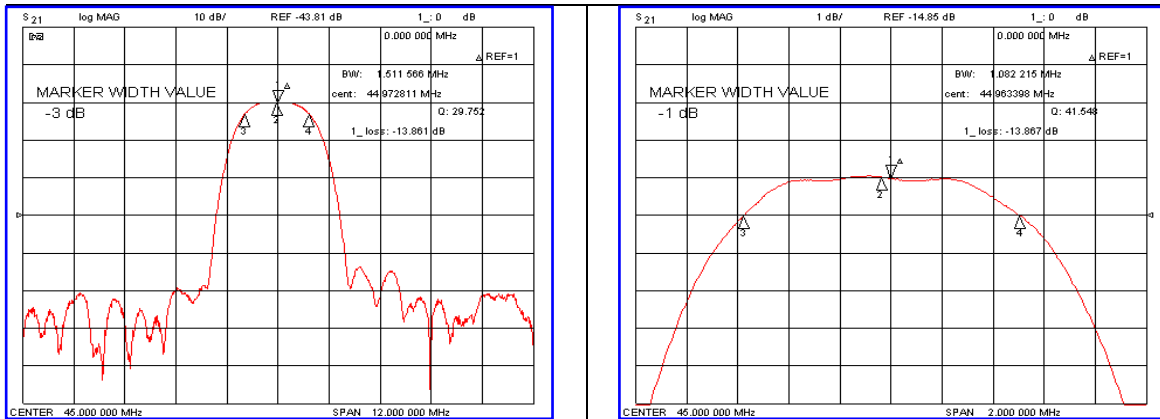


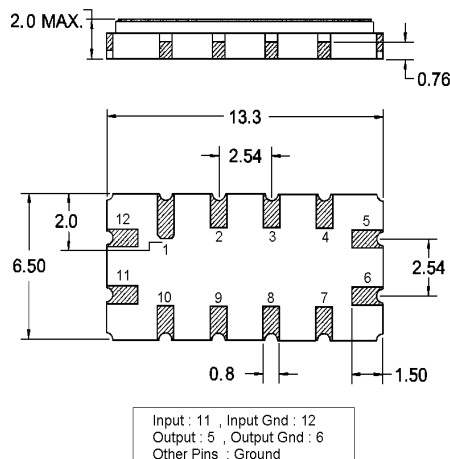
Typical Performance



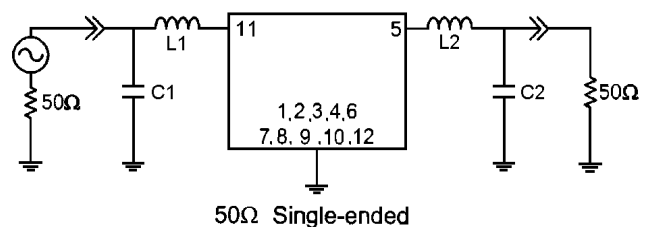
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	44.90	45.00	45.10
Insertion Loss	dB	-	14.00	16.00
1dB Bandwidth	MHz	0.90	1.08	-
3dB Bandwidth	MHz	-	1.51	-
40dB Bandwidth	MHz	-	3.15	3.50
Passband Ripple	dB	-	0.45	1.00
Group Delay Variation	nsec	-	100	200
Absolute Delay	μsec	-	1.40	-
Ultimate Attenuation	dB	40	43	-
Substrate Material	-	112-LiTaO ₃		
Temperature Coefficient	ppm/°C	-20		

Package Dimension



Matching Configuration



L1=270nH, L2=390nH, C1=68pF, C2=43pF
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

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