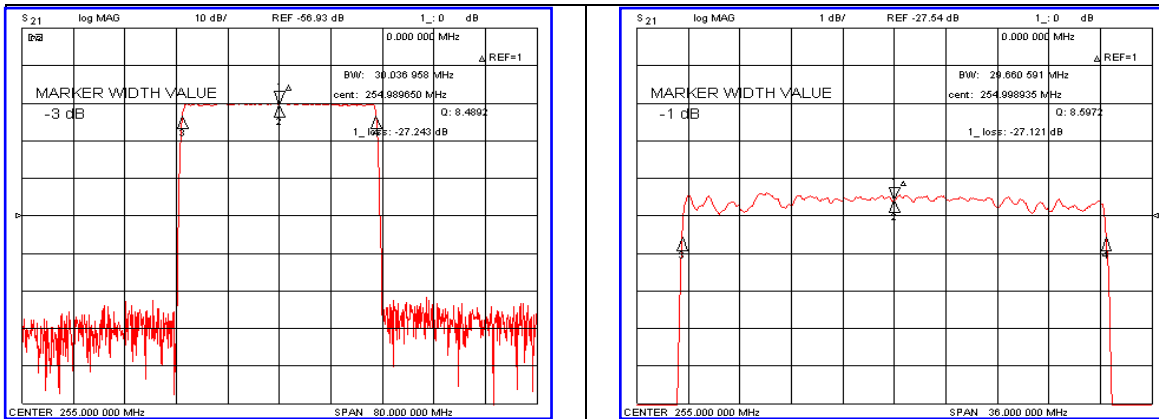


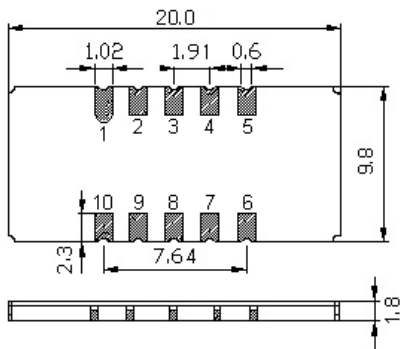
Typical Performance



Specification

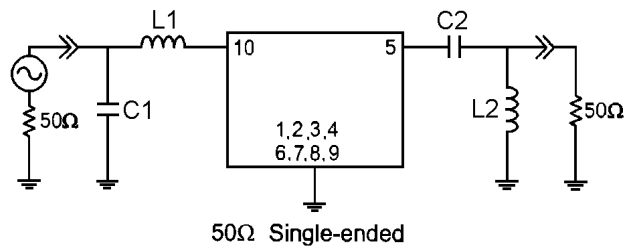
Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	-	255.00	-
Insertion Loss	dB	-	27.50	29.50
1dB Bandwidth	MHz	29.55	29.66	-
3dB Bandwidth	MHz	-	30.03	-
40dB Bandwidth	MHz	-	31.58	31.70
Passband Ripple($F_c \pm 14.32$ MHz)	dB	-	0.60	1.00
Group Delay Variation($F_c \pm 14.32$ MHz)	nsec	-	35	50
Absolute Delay	μ sec	-	2.60	-
Ultimate Attenuation	dB	-	52	-
Substrate Material	-	112-LiTaO ₃		
Temperature Coefficient	ppm/ $^{\circ}$ C	-20		

Package Dimension



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

Matching Configuration



L1=18nH, L2=8.2nH, C1=30pF, C2=300pF
 Source / Load Impedance = 50 Ω
 Ambient Temperature = 25 $^{\circ}$ C

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