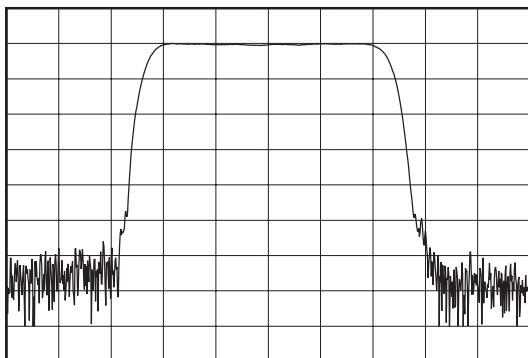
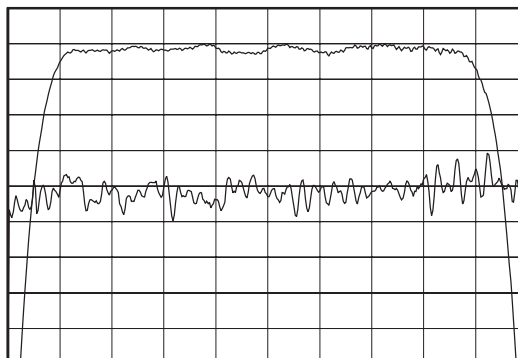


Typical Performance



Horizontal: 10 MHz/Div
Vertical: 10 dB/Div

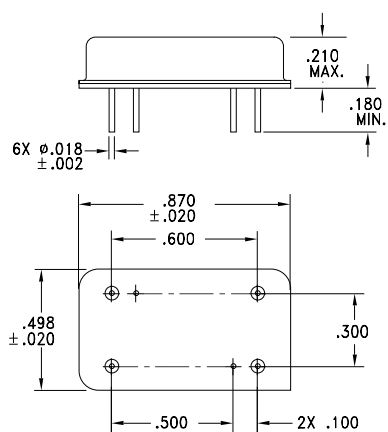


Horizontal: 5 MHz/Div
Vertical: 1 dB/Div
Vertical: 5 nsec/Div

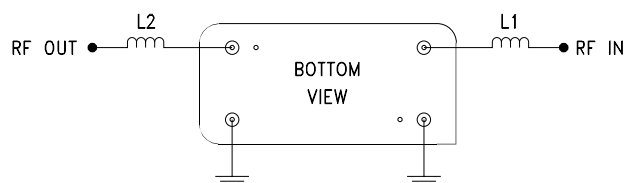
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.75	140	140.25
Insertion Loss at F_0	dB	-	23	25
1 dB Bandwidth	MHz	41.4	41.8	-
3 dB Bandwidth	MHz	44	44.5	-
40 dB Bandwidth	MHz	-	53.7	55
Passband Variation	dB	-	0.45	0.7
Phase Linearity	deg	-	3.8	6
Group Delay Variation	nsec	-	11.5	30
Absolute Delay	μ sec	-	1.07	-
Ultimate Rejection	dB	50	65	-
Substrate Material	-	-	128 LiNbO ₃	-
Ambient Temperature	$^{\circ}$ C	-	25	-

Package Outline



Matching Configuration



L1 = 116nH, L2 = 131nH
Nominal Source/Load Impedance = 50 Ω
Package Style I

11/24/99