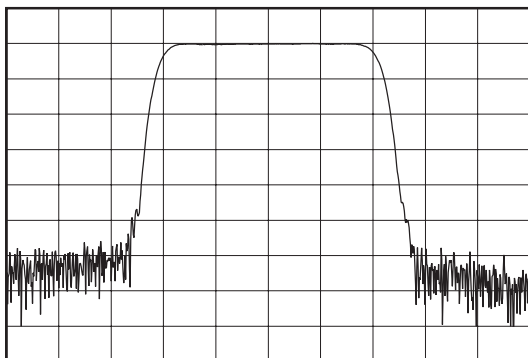
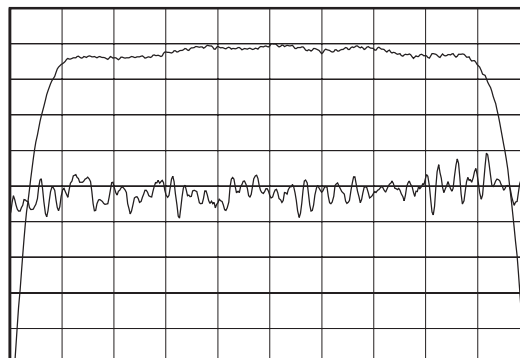


Typical Performance



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

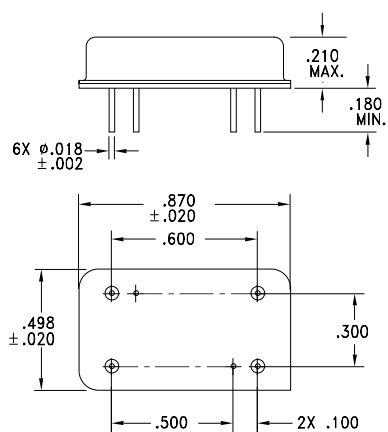


Horizontal: 4.4 MHz/Div
Vertical: 1 dB/Div
Vertical: 5 nsec/Div

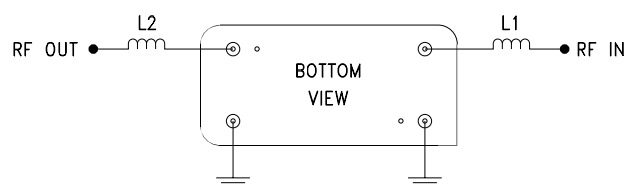
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.75	140	140.25
Insertion Loss at F_0	dB	-	23.6	25
1 dB Bandwidth	MHz	37	37.3	-
3 dB Bandwidth	MHz	40	40.1	-
40 dB Bandwidth	MHz	-	49.1	50
Passband Variation	dB	-	0.45	0.75
Phase Linearity	deg	-	3.6	6
Group Delay Variation	nsec	-	11	25
Absolute Delay	μ sec	-	1.104	-
Ultimate Rejection	dB	50	60	-
Substrate Material	-	-	128 LiNbO ₃	-
Ambient Temperature	°C	-	25	-

Package Outline



Matching Configuration



L1 = 130nH, L2 = 110nH
Nominal Source/Load Impedance = 50 Ω
Package Style I

11/24/99