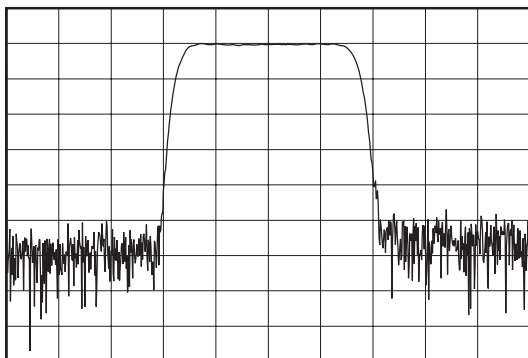
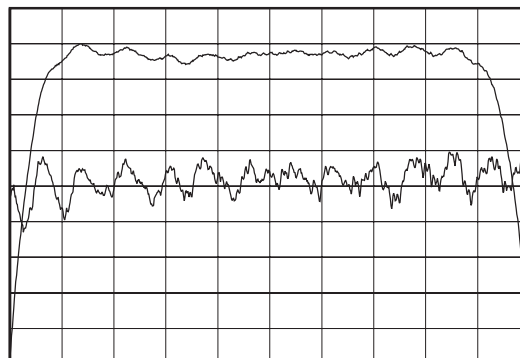


Typical Performance



Horizontal: 20 MHz/Div
Vertical: 10 dB/Div

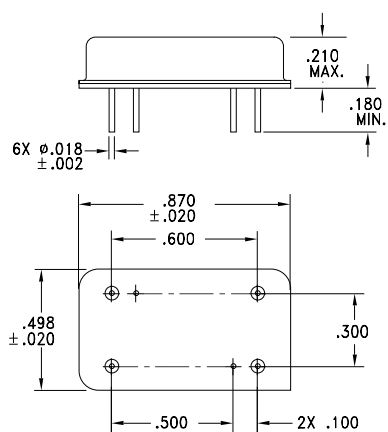


Horizontal: 7 MHz/Div
Vertical: 1 dB/Div
Vertical: 5 nsec/Div

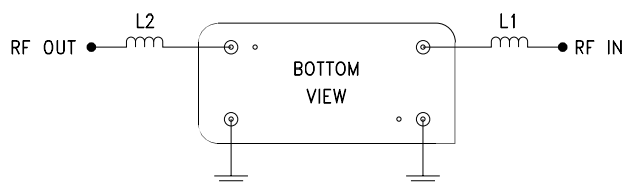
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.65	140	140.35
Insertion Loss at F_0	dB	-	29.5	32
1 dB Bandwidth	MHz	60	60.7	-
3 dB Bandwidth	MHz	64	64.7	-
40 dB Bandwidth	MHz	-	80	81
Passband Variation	dB	-	0.55	0.8
Phase Linearity	deg	-	6	9
Group Delay Variation	nsec	-	8	25
Absolute Delay	μ sec	-	0.93	-
Ultimate Rejection	dB	50	60	-
Substrate Material	-	-	128 LiNbO ₃	-
Ambient Temperature	$^{\circ}$ C	-	25	-

Package Outline



Matching Configuration



L1 = 155nH, L2 = 196nH
Nominal Source/Load Impedance = 50 Ω
Package Style I

11/24/99