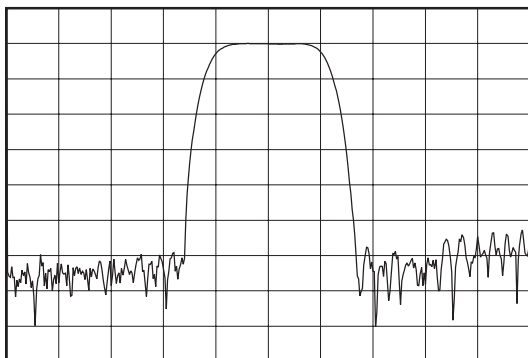
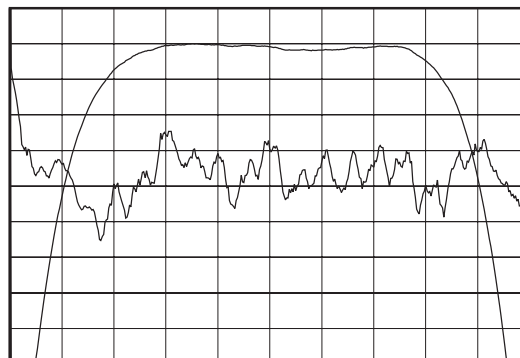


Typical Performance



Horizontal: 1.5 MHz/Div
Vertical: 10 dB/Div

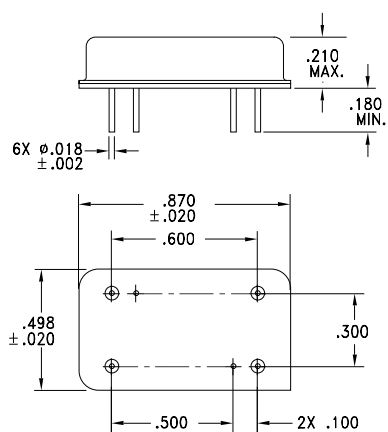


Horizontal: 400 kHz/Div
Vertical: 1 dB/Div
Vertical: 15 nsec/Div

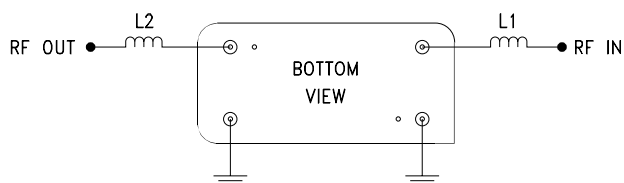
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.85	140	140.15
Insertion Loss at F_0	dB	-	25.5	27.5
1 dB Bandwidth	MHz	2.4	2.62	-
3 dB Bandwidth	MHz	3	3.06	-
40 dB Bandwidth	MHz	-	4.65	5
Passband Variation	dB	-	0.22	0.5
Phase Linearity	deg	-	0.9	3
Group Delay Variation	nsec	-	35	90
Absolute Delay	μ sec	-	2.462	-
Ultimate Rejection	dB	50	55	-
Substrate Material	-	-	Quartz	-
Ambient Temperature	$^{\circ}$ C	-	25	-

Package Outline



Matching Configuration



L1 = 107nH, L2 = 118nH
Nominal Source/Load Impedance = 50 Ω
Package Style I

11/24/99