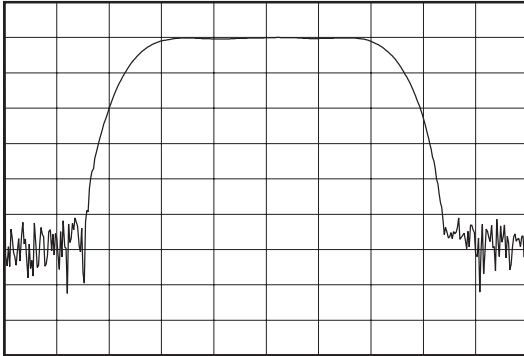
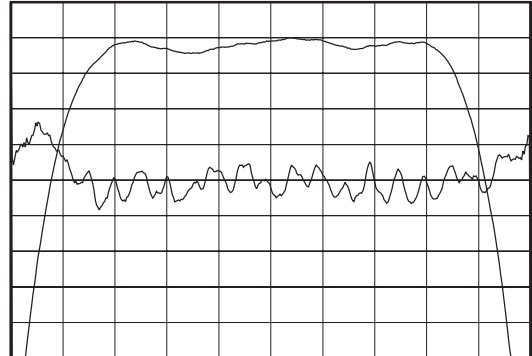


Data Sheet

Typical Performance



Horizontal: 800 kHz/Div
Vertical: 10 dB/Div

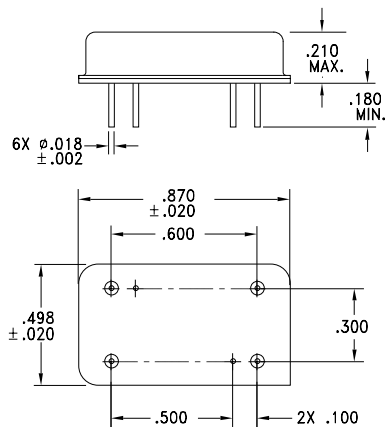


Horizontal: 450 kHz/Div
Vertical: 1 dB/Div
Vertical: 25 nsec/Div

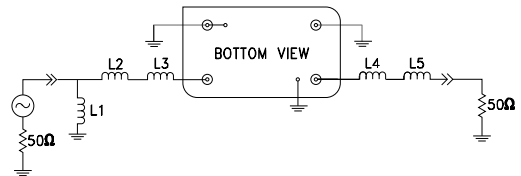
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.91	70	70.09
Insertion Loss at f_0	dB	-	25.7	28.5
1 dB Bandwidth	MHz	3	3.18	-
3 dB Bandwidth	MHz	3.5	3.62	-
40 dB Bandwidth	MHz	-	5.31	5.6
Passband Variation	dB	-	0.5	0.8
Phase Linearity	deg	-	3	8
Group Delay Variation	nsec	-	50	100
Absolute Delay	μ sec	-	2.3	-
Ultimate Rejection	dB	50	60	-
Substrate Material	-	-	Quartz	-
Ambient Temperature	$^{\circ}$ C	-	25	-

Package Outline



Matching Configuration



L1 = 150 nH, L2 = 18 nH, L3 = 470 nH
L4 = 33 nH, L5 = 470 nH
Nominal Source/Load Impedance = 50 Ω
Package Style I

8/9/00