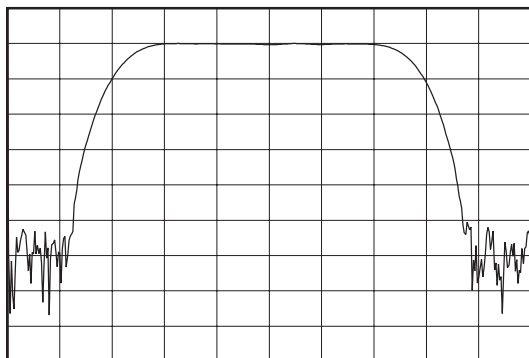
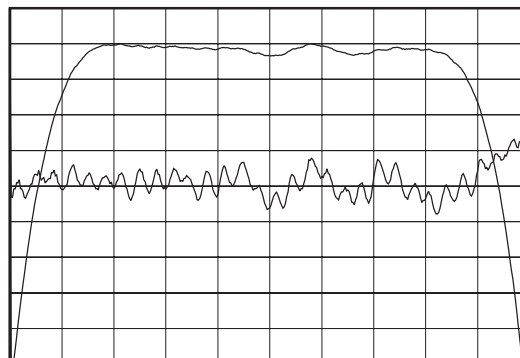


Typical Performance



Horizontal: 1 MHz/Div
Vertical: 10 dB/Div

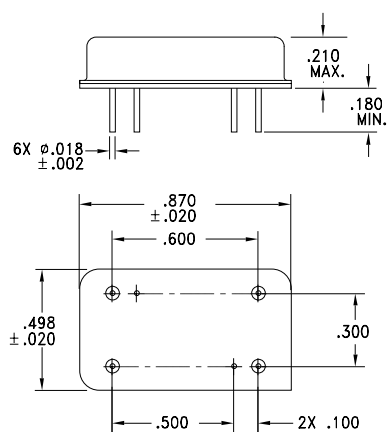


Horizontal: 600 kHz/Div
Vertical: 1 dB/Div
Vertical: 25 nsec/Div

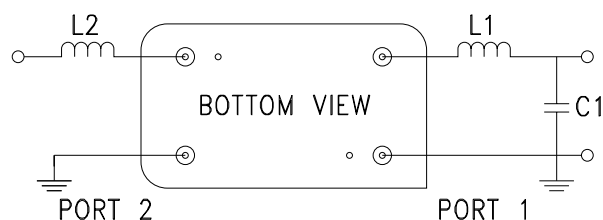
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.91	70	70.09
Insertion Loss at f_0	dB	-	24.1	26
1 dB Bandwidth	MHz	4.5	4.78	-
3 dB Bandwidth	MHz	5	5.27	-
40 dB Bandwidth	MHz	-	7.29	7.5
Passband Variation	dB	-	0.4	0.8
Phase Linearity	deg	-	3	6
Group Delay Variation	nsec	-	75	100
Absolute Delay	μ sec	-	2.6	-
Ultimate Rejection	dB	50	60	-
Substrate Material	-	-	LiTaO	-
Ambient Temperature	$^{\circ}$ C	-	25	-

Package Outline



Matching Configuration



L1 = 205nH, L2 = 134nH, C1 = 85 pf
Nominal Values Measured at 70 MHz
Nominal Source/Load Impedance = 50 Ω
Package Style I

11/17/99