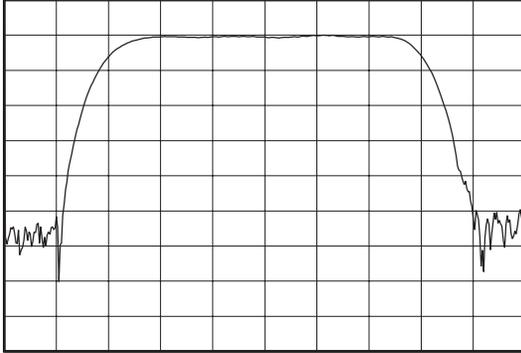
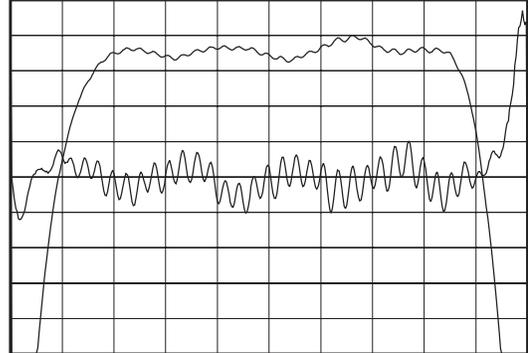


Data Sheet

Typical Performance



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

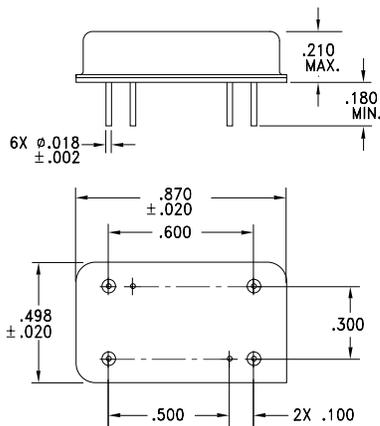


Horizontal: 700 kHz/Div
Vertical: 1 dB/Div
Vertical: 50 nsec/Div

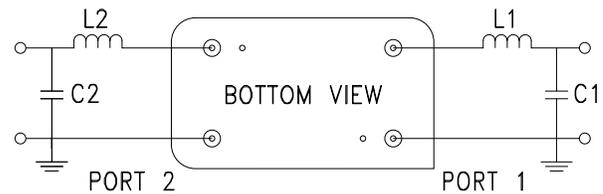
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.91	70	70.09
Insertion Loss at f_0	dB	-	23	25
1 dB Bandwidth	MHz	5	5.16	-
3 dB Bandwidth	MHz	5.5	5.68	-
40 dB Bandwidth	MHz	-	7.51	7.7
Passband Variation	dB	-	0.52	0.8
Phase Linearity	deg	-	6	9
Group Delay Variation	nsec	-	120	140
Absolute Delay	μ sec	-	2.6	-
Ultimate Rejection	dB	50	60	-
Substrate Material	-	-	LiTaO	-
Ambient Temperature	$^{\circ}$ C	-	25	-

Package Outline



Matching Configuration



L1 = 225nH , L2 = 222nH
C1 = 85 pf , C2 = 85 pf
Nominal Values Measured at 70 MHz
Nominal Source/Load Impedance = 50 Ω
Package Style I

11/17/99