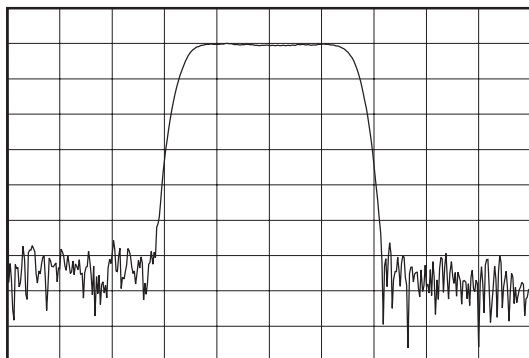
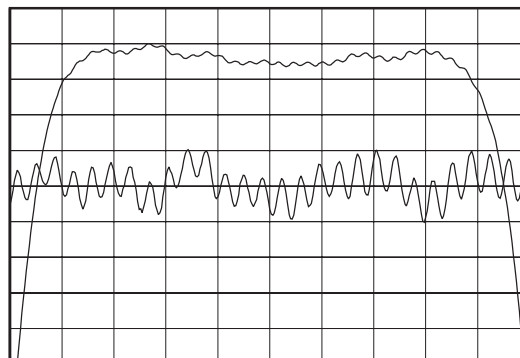


Data Sheet

Typical Performance



Horizontal: 2 MHz/Div
 Vertical: 10 dB/Div

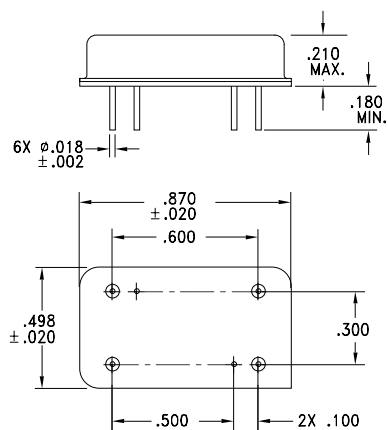


Horizontal: 700 kHz/Div
 Vertical: 1 dB/Div
 Vertical: 35 nsec/Div

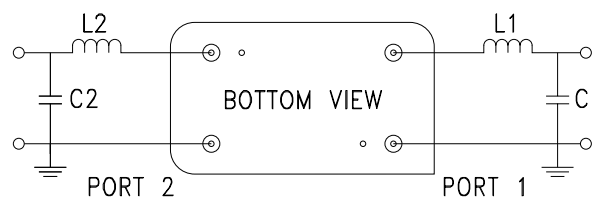
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.9	70	70.1
Insertion Loss at f_0	dB	-	23	25
1 dB Bandwidth	MHz	5.6	5.73	-
3 dB Bandwidth	MHz	6	6.2	-
40 dB Bandwidth	MHz	-	8.12	8.4
Passband Variation	dB	-	0.5	0.8
Phase Linearity	deg	-	4	7
Group Delay Variation	nsec	-	100	130
Absolute Delay	μ sec	-	2.6	-
Ultimate Rejection	dB	50	60	-
Substrate Material	-	-	LiTaO ₃	-
Ambient Temperature	$^{\circ}$ C	-	25	-

Package Outline



Matching Configuration



L1 = 248 nH, L2 = 232 nH
 C1 = 84 pf, C2 = 90 pf
 Nominal Values Measured at 70 MHz
 Nominal Source/Load Impedance = 50 Ω
 Package Style I

11/17/99