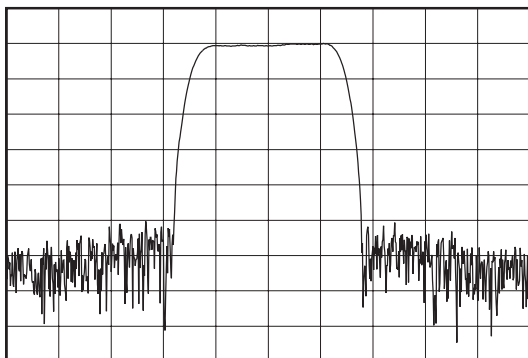
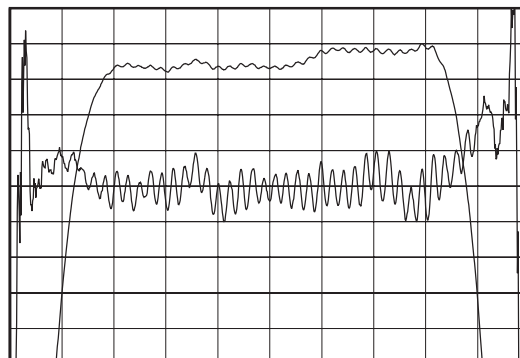


Typical Performance



Horizontal: 2.5 MHz/Div
Vertical: 10 dB/Div

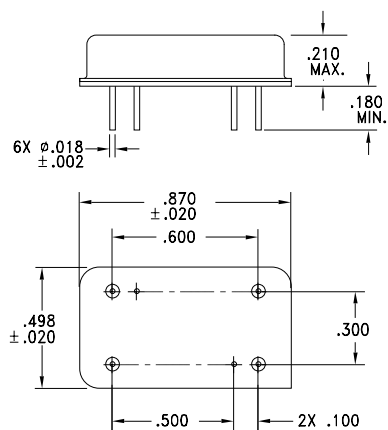


Horizontal: 900 kHz/Div
Vertical: 1 dB/Div
Vertical: 35 nsec/Div

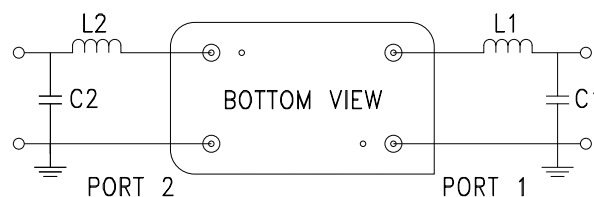
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.9	70	70.1
Insertion Loss	dB	-	23	25
1 dB Bandwidth	MHz	6	6.23	-
3 dB Bandwidth	MHz	6.5	6.72	-
40 dB Bandwidth	MHz	-	8.8	8.9
Passband Variation	dB	-	0.45	0.8
Phase Linearity	deg	-	3.3	6
Group Delay Variation	nsec	-	75	100
Absolute Delay	μsec	-	2.6	-
Ultimate Rejection	dB	50	60	-
Substrate Material	-	-	LiTaO ₃	-
Ambient Temperature	°C	-	25	-

Package Outline



Matching Configuration



L1 = 245nH, L2 = 240nH
C1 = 86pF, C2 = 88pF
Nominal Source/Load Impedance = 50 Ω
Package Style I

11/17/99