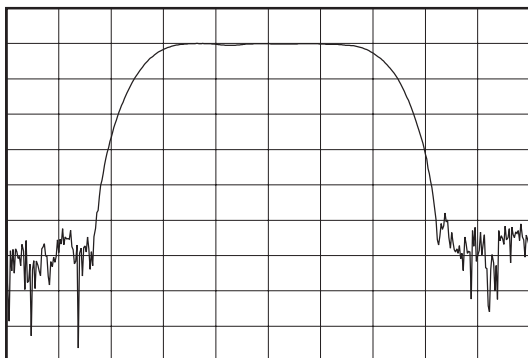
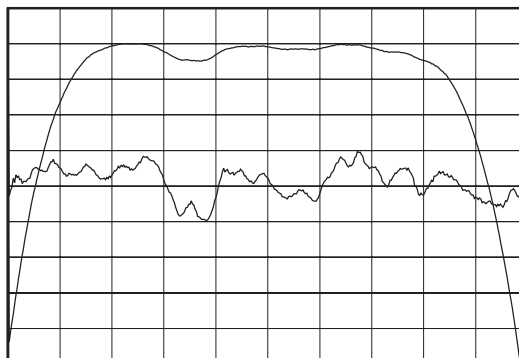


Data Sheet

Typical Performance



Horizontal: 400 kHz/Div
 Vertical: 10 dB/Div

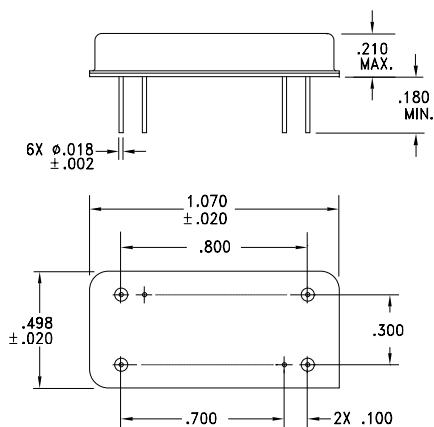


Horizontal: 200 kHz/Div
 Vertical: 1 dB/Div
 Vertical: 70 nsec/Div

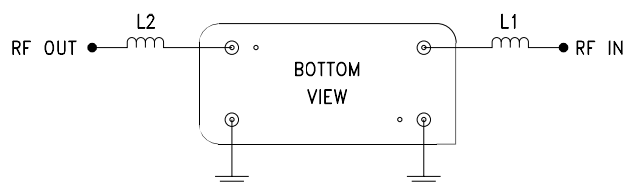
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.92	70	70.08
Insertion Loss at f_0	dB	-	23.2	25
1 dB Bandwidth	MHz	1.3	1.47	-
3 dB Bandwidth	MHz	1.5	1.68	-
40 dB Bandwidth	MHz	-	2.51	2.8
Passband Variation	dB	-	0.24	0.5
Phase Linearity	deg	-	3	6
Group Delay Variation	nsec	-	80	200
Absolute Delay	μ sec	-	3.7	-
Ultimate Rejection	dB	50	60	-
Substrate Material	-	-	Quartz	-
Ambient Temperature	$^{\circ}$ C	-	25	-

Package Outline



Matching Configuration



L1=350nH, L2 = 320nH
 Nominal Values Measured at 70 MHz
 Nominal Source/Load Impedance = 50 Ω
 Package Style O

11/17/99