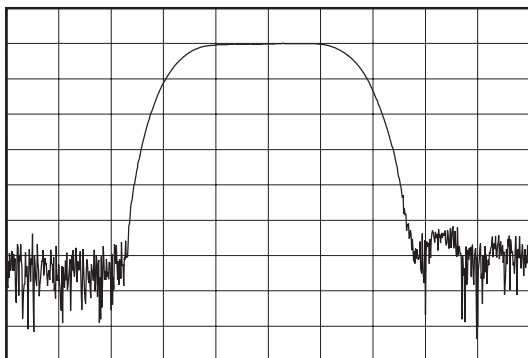
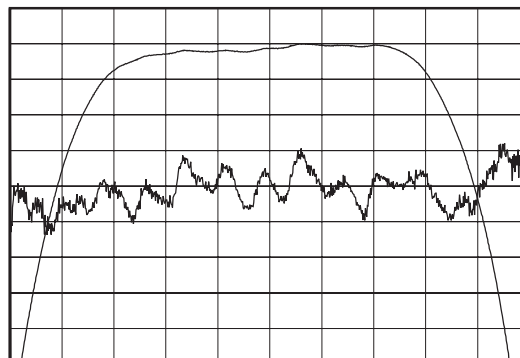


Typical Performance



Horizontal: 500 kHz/Div
Vertical: 10 dB/Div

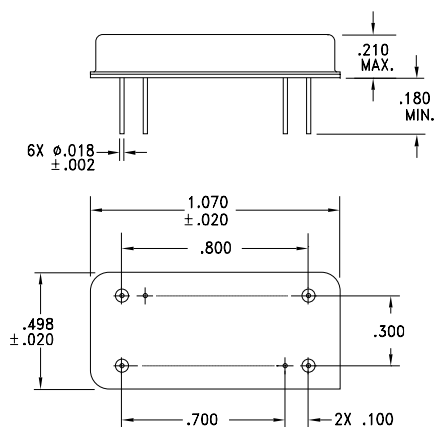


Horizontal: 200 kHz/Div
Vertical: 1 dB/Div
Vertical: 40 nsec/Div

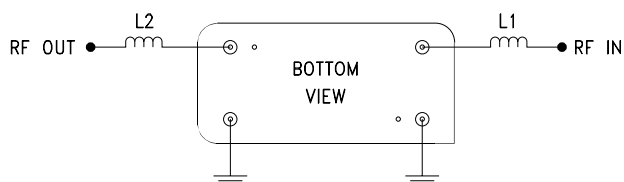
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.9	140	140.1
Insertion Loss	dB	-	22.8	25
1 dB Bandwidth	MHz	1.2	1.27	-
3 dB Bandwidth	MHz	1.5	1.53	-
40 dB Bandwidth	MHz	-	2.56	2.7
Passband Variation	dB	-	0.16	0.4
Phase Linearity	deg	-	1.5	3
Group Delay Variation	nsec	-	70	150
Absolute Delay	μsec	-	3.31	-
Ultimate Rejection	dB	50	60	-
Substrate Material	-	-	Quartz	-
Ambient Temperature	°C	-	25	-

Package Outline



Matching Configuration



L1 = 62 nH , L2 = 74 nH
Nominal Source/Load Impedance = 50Ω
Package Style O

11/24/99