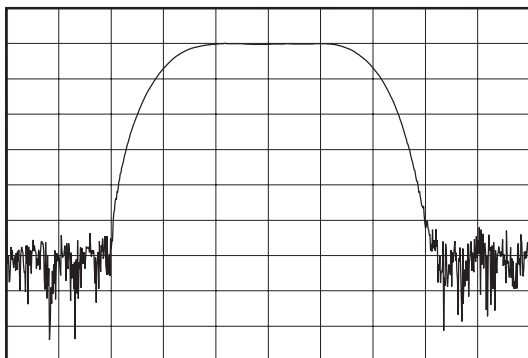
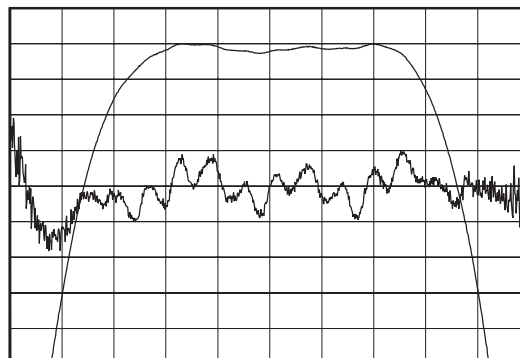


Typical Performance



Horizontal: 600 kHz/Div
Vertical: 10 dB/Div

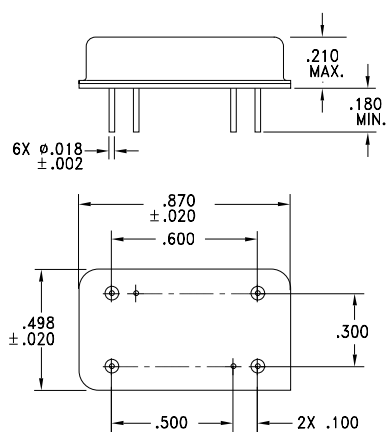


Horizontal: 300 kHz/Div
Vertical: 1 dB/Div
Vertical: 35 nsec/Div

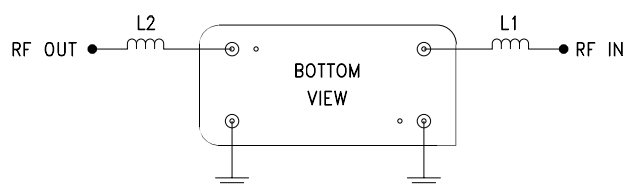
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.88	140	140.12
Insertion Loss	dB	-	23.8	26
1 dB Bandwidth	MHz	1.65	1.75	-
3 dB Bandwidth	MHz	2	2.071	-
40 dB Bandwidth	MHz	-	3.6	3.9
Passband Variation	dB	-	0.28	0.6
Phase Linearity	deg	-	1.6	3
Group Delay Variation	nsec	-	45	120
Absolute Delay	μsec	-	2.7	-
Ultimate Rejection	dB	50	60	-
Substrate Material	-	-	Quartz	-
Ambient Temperature	°C	-	25	-

Package Outline



Matching Configuration



L1 = 50 nH , L2 = 63 nH
Nominal Source/Load Impedance = 50Ω
Package Style I

11/24/99