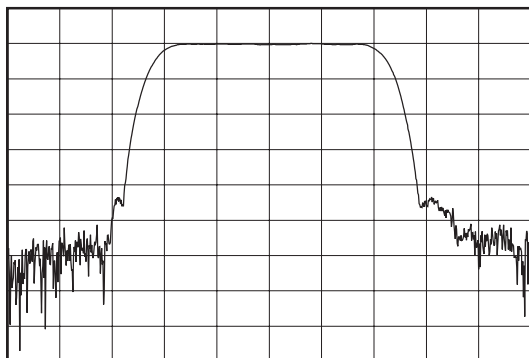
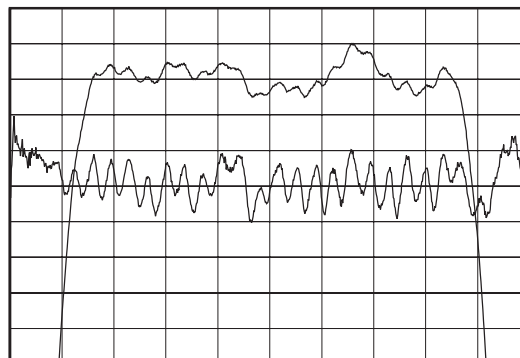


Typical Performance



Horizontal: 1 MHz/Div
Vertical: 10 dB/Div

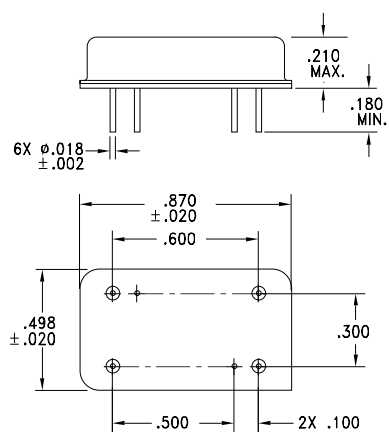


Horizontal: 500 kHz/Div
Vertical: 1 dB/Div
Vertical: 30 nsec/Div

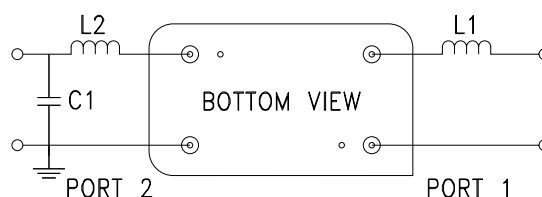
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.85	140	140.15
Insertion Loss	dB	-	23.3	25
1 dB Bandwidth	MHz	3.7	3.85	-
3 dB Bandwidth	MHz	4	4.217	-
40 dB Bandwidth	MHz	-	5.54	6
Passband Variation	dB	-	0.4	0.7
Phase Linearity	deg	-	1.7	4
Group Delay Variation	nsec	-	45	120
Absolute Delay	μsec	-	2.819	-
Ultimate Rejection	dB	50	60	-
Substrate Material	-	-	Quartz	-
Ambient Temperature	°C	-	25	-

Package Outline



Matching Configuration



L1 = 190 nH L2 = 210 nH C1 = 15 pf
Nominal Source/Load Impedance = 50Ω
Package Style I

11/24/99