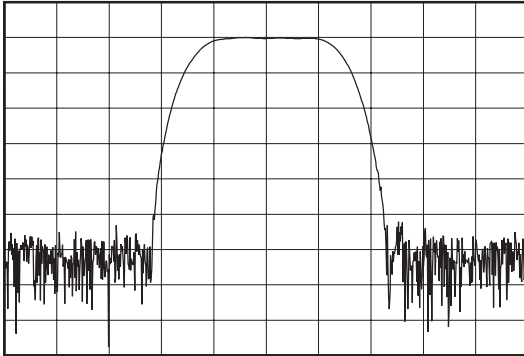
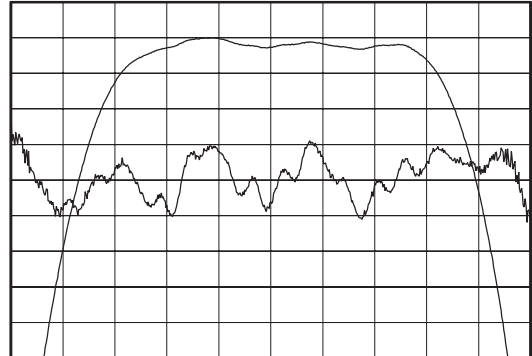


Data Sheet

Typical Performance



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

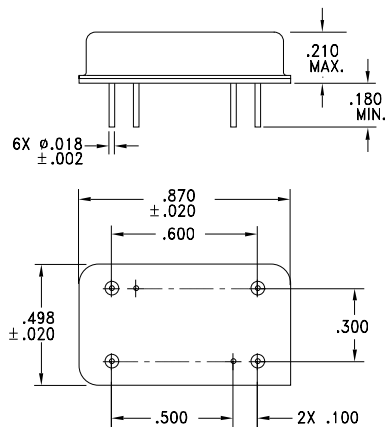


Horizontal: 350 kHz/Div
Vertical: 1 dB/Div
Vertical: 25 nsec/Div

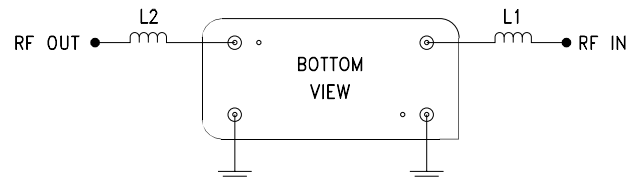
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.85	140	140.15
Insertion Loss	dB	-	25.6	27.5
1 dB Bandwidth	MHz	2	2.13	-
3 dB Bandwidth	MHz	2.5	2.556	-
40 dB Bandwidth	MHz	-	4.2	4.5
Passband Variation	dB	-	0.21	0.5
Phase Linearity	deg	-	1.2	3
Group Delay Variation	nsec	-	35	100
Absolute Delay	μsec	-	2.391	-
Ultimate Rejection	dB	50	60	-
Substrate Material	-	-	Quartz	-
Ambient Temperature	°C	-	25	-

Package Outline



Matching Configuration



L1 = 103 nH , L2 = 105 nH
Nominal Source/Load Impedance = 50Ω
Package Style I

11/24/99