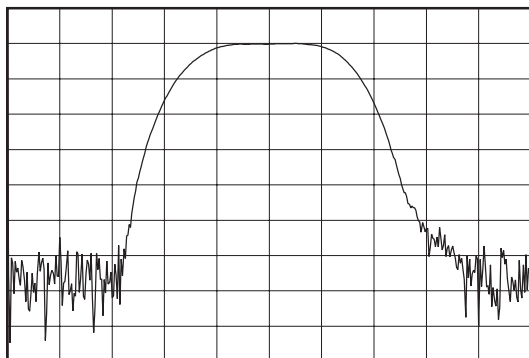
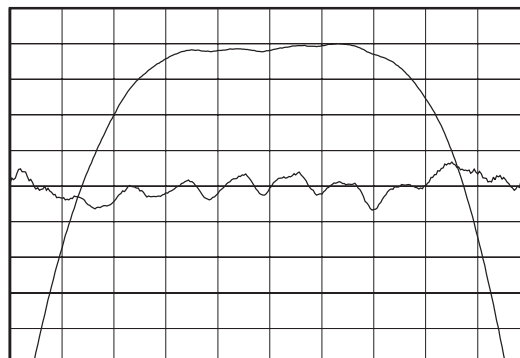


Data Sheet

Typical Performance



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

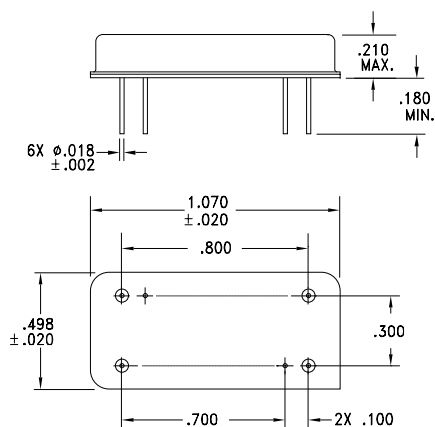


Horizontal: 150 kHz/Div
 Vertical: 1 dB/Div
 Vertical: 100 nsec/Div

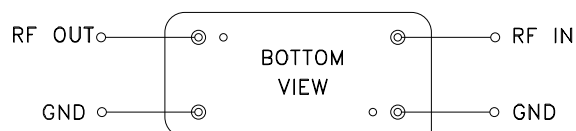
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.9	140	140.1
Insertion Loss	dB	-	21.9	24
1 dB Bandwidth	MHz	0.77	0.81	-
3 dB Bandwidth	MHz	1	1.04	-
40 Db Bandwidth	MHz	-	2.04	2.2
Passband Variation	dB	-	0.28	0.5
Phase Linearity	deg	-	1.6	3
Group Delay Variation	nsec	-	100	270
Absolute Delay	μsec	-	3.2	-
Ultimate Rejection	dB	50	60	-
Substrate Material	-	-	Quartz	-
Ambient Temperature	°C	-	25	-

Package Outline



Matching Configuration



No Matching Required
 Nominal Source/Load Impedance = 50Ω
 Package Style O

11/24/99