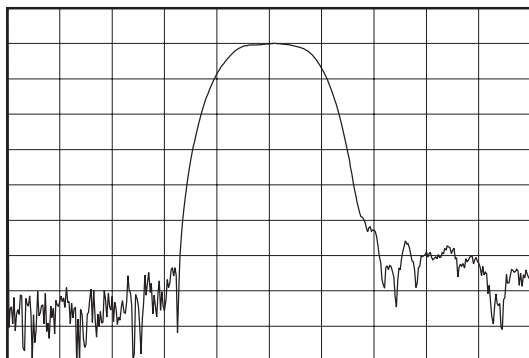
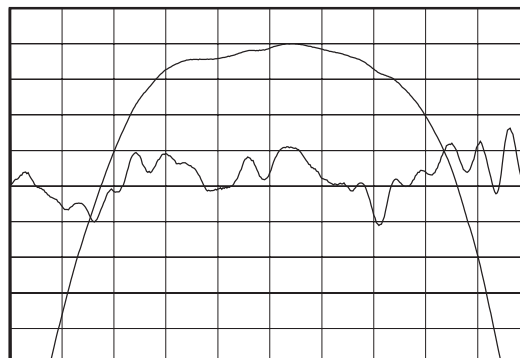


Typical Performance



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

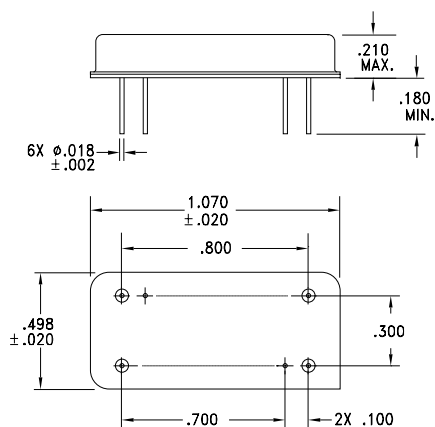


Horizontal: 120 kHz/Div
Vertical: 1 dB/Div
Vertical: 100 nsec/Div

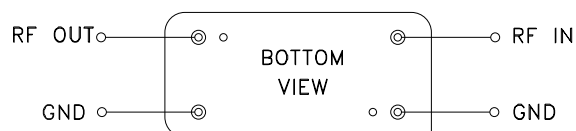
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.9	140	140.1
Insertion Loss at F_0	dB	-	20.7	23
1 dB Bandwidth	MHz	0.47	0.57	-
3 dB Bandwidth	MHz	0.75	0.77	-
40 dB Bandwidth	MHz	-	1.58	1.8
Passband Variation	dB	-	0.25	0.6
Phase Linearity	deg	-	2	4
Group Delay Variation	nsec	-	110	240
Absolute Delay	μ sec	-	3.931	-
Ultimate Rejection	dB	50	65	-
Substrate Material	-	-	Quartz	-
Ambient Temperature	$^{\circ}$ C	-	25	-

Package Outline



Matching Configuration



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

11/24/99