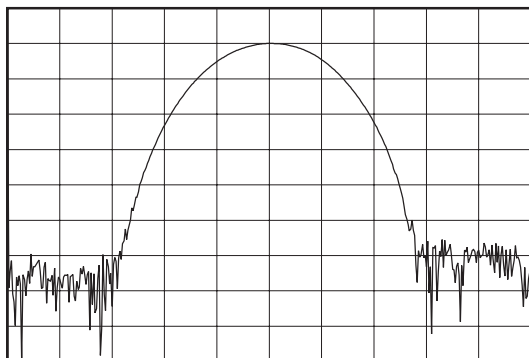
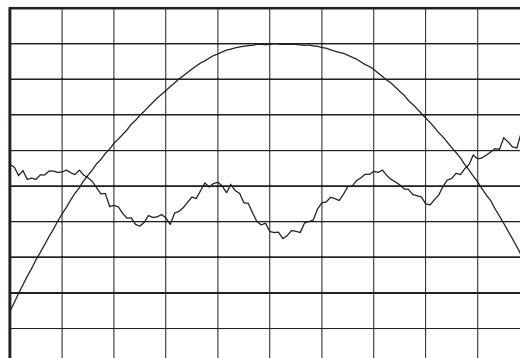


Typical Performance



Horizontal: 350 kHz/Div
Vertical: 10 dB/Div

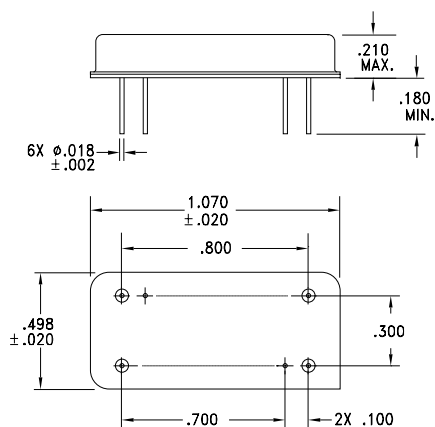


Horizontal: 60 kHz/Div
Vertical: .5 dB/Div
Vertical: 30 nsec/Div

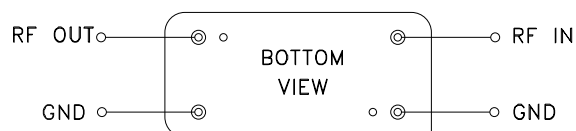
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.94	140	140.06
Insertion Loss at F_0	dB	-	19.5	21.5
1 dB Bandwidth	MHz	0.3	0.325	-
3 dB Bandwidth	MHz	0.5	0.56	-
40 dB Bandwidth	MHz	-	1.73	1.9
Passband Variation	dB	-	0.03	0.2
Phase Linearity	deg	-	1.5	3
Group Delay Variation	nsec	-	100	300
Absolute Delay	μ sec	-	2.776	-
Ultimate Rejection	dB	50	68	-
Substrate Material	-	-	Quartz	-
Temperature Range	$^{\circ}$ C	-	20	-

Package Outline



Matching Configuration



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

11/24/99