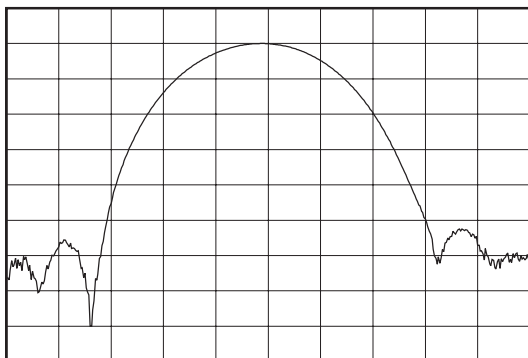
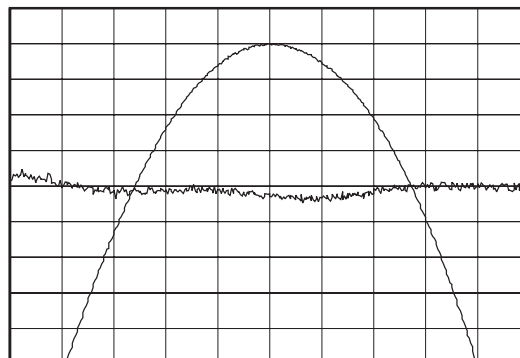


Typical Performance



Horizontal: 150 kHz/Div
Vertical: 10 dB/Div

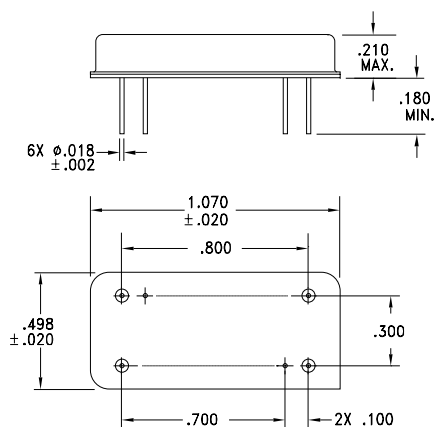


Horizontal: 30 kHz/Div
Vertical: .25 dB/Div
Vertical: 100 nsec/Div

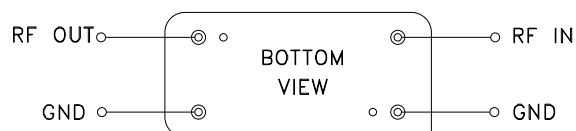
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.95	140	140.05
Insertion Loss at F_0	dB	-	23.2	25
1 dB Bandwidth	MHz	0.14	0.16	-
3 dB Bandwidth	MHz	0.25	0.27	-
40 dB Bandwidth	MHz	-	0.84	0.95
Passband Variation	dB	-	0.01	0.1
Phase Linearity	deg	-	0.5	1
Group Delay Variation	nsec	-	130	400
Absolute Delay	μ sec	-	3.62	-
Ultimate Rejection	dB	50	60	-
Substrate Material	-	-	Quartz	-
Temperature Range	$^{\circ}$ C	-	25	-

Package Outline



Matching Configuration



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

11/24/99