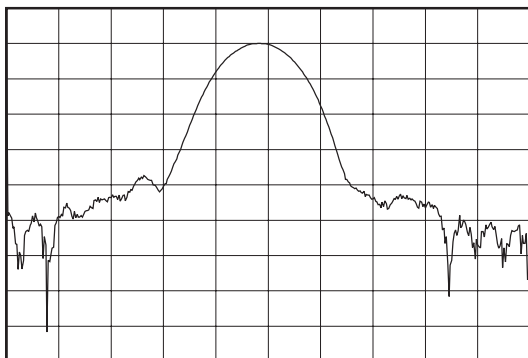
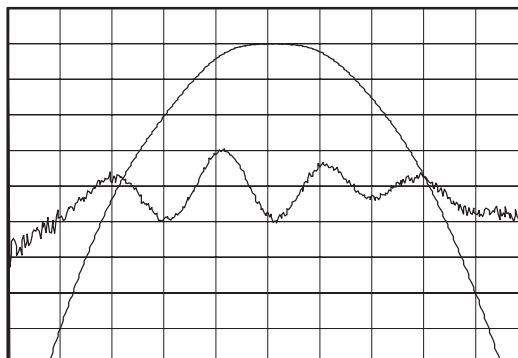


Data Sheet

Typical Performance



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

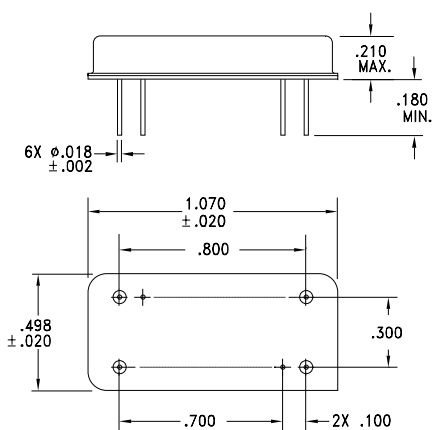


Horizontal: 30 kHz/Div
 Vertical: 1 dB/Div
 Vertical: 150 nsec/Div

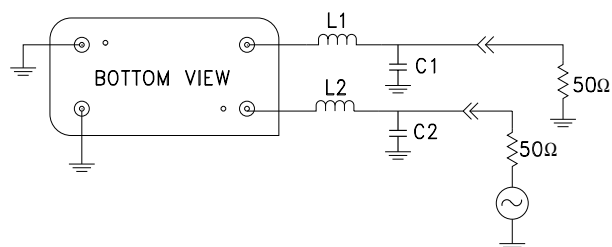
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.975	70	70.025
Insertion Loss at f_0	dB	-	22	23.5
1 dB Bandwidth	MHz	0.075	0.09	-
3 dB Bandwidth	MHz	0.125	0.155	-
40 dB Bandwidth	MHz	-	0.585	0.7
Passband Variation	dB	-	0.05	0.5
Phase Linearity	deg	-	1.5	3
Group Delay Variation	nsec	-	600	800
Absolute Delay	μ sec	-	8	-
Ultimate Rejection	dB	40	55	-
Substrate Material	-	-	Quartz	-
Ambient Temperature	$^{\circ}$ C	-	25	-

Package Outline



Matching Configuration



L1 = 490nH , L2 = 535nH
 C1 = 70pf , C2 = 70pf
 Nominal Source/Load Impedance = 50 Ω
 Package Style O
 11/17/99