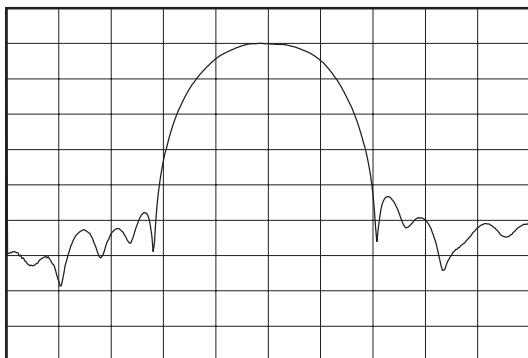
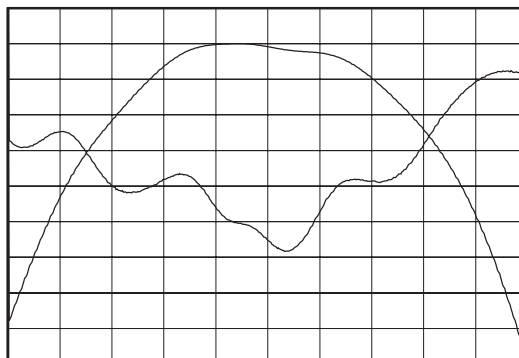


Data Sheet

Typical Performance



Horizontal: 200 kHz/Div
Vertical: 10 dB/Div

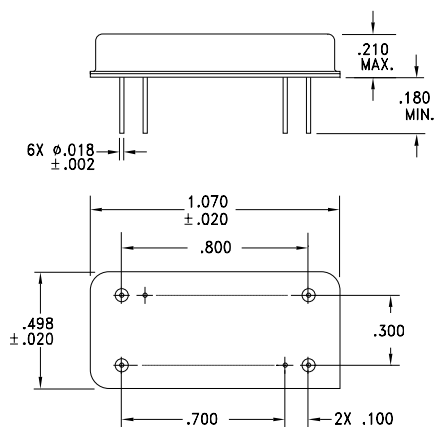


Horizontal: 50 kHz/Div
Vertical: 1 dB/Div
Vertical: 150 nsec/Div

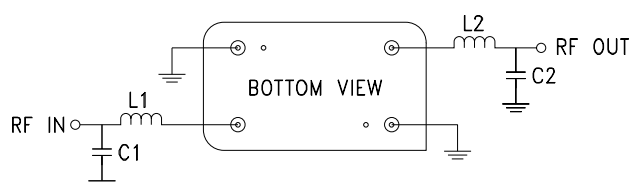
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	44.94	45	45.06
Insertion Loss	dB	-	9.5	10
1 dB Bandwidth	MHz	0.18	0.209	-
3 dB Bandwidth	MHz	0.3	0.33	-
35 dB Bandwidth	MHz	-	0.78	0.85
45 dB Bandwidth	MHz	-	0.82	1.1
Phase Ripple	deg	-	3	-
Group Delay Variation	nsec	-	350	1000
Amplitude Ripple	dB	-	0.01	1
Ultimate Rejection	dB	50	65	-
Substrate Material	-	-	Quartz	-
Ambient Temperature	°C	-	25	-

Package Outline



Matching Configuration



L1 = 538 nH, L2 = 560 nH
C1 = 142 pF, C2 = 120 pF
Nominal Source/Load Impedance = 50Ω
Package Style O

11/24/99