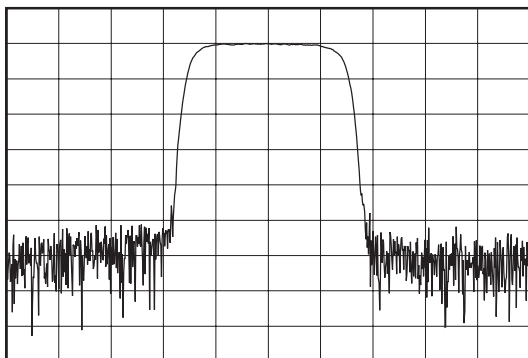
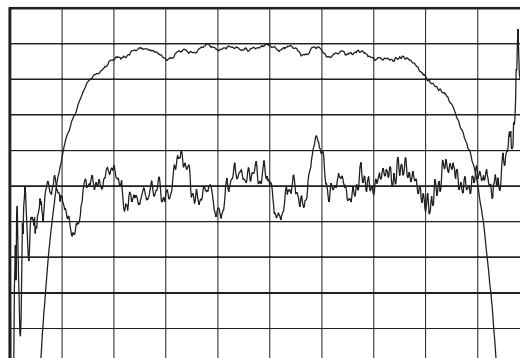


Data Sheet

Typical Performance



Horizontal: 20 MHz/Div
 Vertical: 10 dB/Div

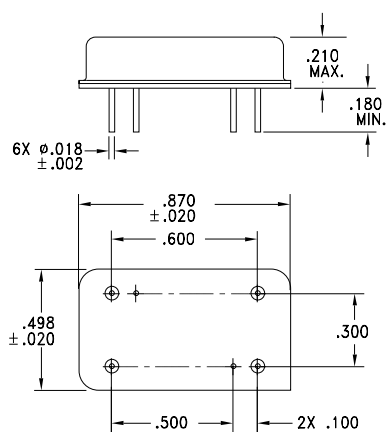


Horizontal: 7 MHz/Div
 Vertical: 1 dB/Div
 Vertical: 5 nsec/Div

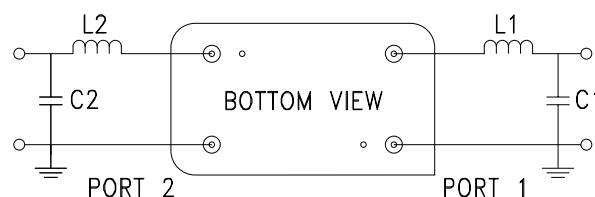
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.65	140	140.35
Insertion Loss at F_0	dB	-	27	28.5
1 dB Bandwidth	MHz	47.5	51	-
3 dB Bandwidth	MHz	56	56.5	-
40 dB Bandwidth	MHz	-	71	73
Passband Variation	dB	-	0.52	0.8
Phase Linearity	deg	-	8	10
Group Delay Variation	nsec	-	12	40
Absolute Delay	μsec	-	1	-
Ultimate Rejection	db	50	60	-
Substrate Material	-	-	128 LiNbO ₃	-
Ambient Temperature	°C	-	25	-

Package Outline



Matching Configuration



L1 = 178nH, L2 = 162nH
 C1 = 12.9pF, C2 = 6.7pF
 Nominal Source/Load Impedance = 50Ω
 Package Style I

11/24/99