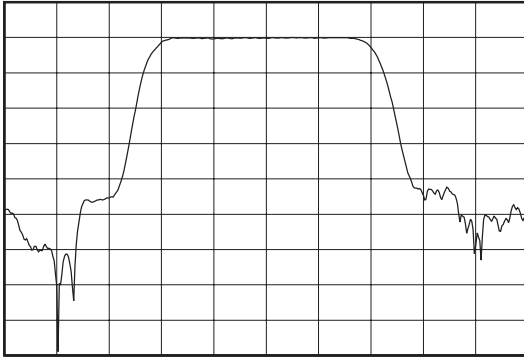
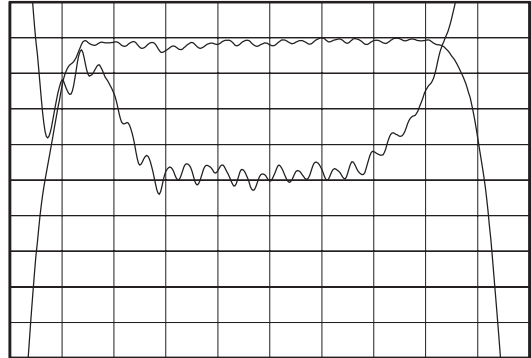


Data Sheet

Typical Performance



Horizontal: 3 MHz/Div
Vertical: 10 dB/Div

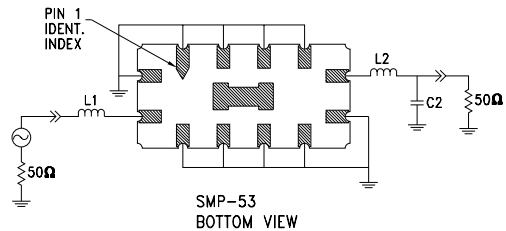
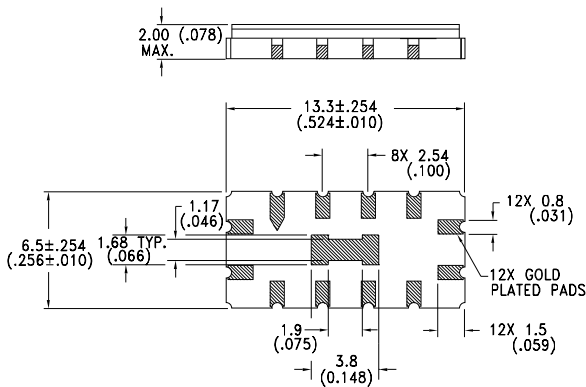


Horizontal: 1.5 MHz/Div
Vertical: 1 dB/Div
Vertical: 2 deg/Div

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency f_o	MHz	-	140	-
Insertion Loss f_o	dB	-	8.87	12.5
1 dB Bandwidth	MHz	10.2	11.58	-
3 dB Bandwidth	MHz	12	12.4	-
35 dB Bandwidth	MHz	-	16.57	21.3
Passband Ripple(90% of 3 dB BW)	dB	-	0.52	1
Phase Linearity (across 3 dB BW)	deg P-P	-	9.67	15
Group Delay Variation(90% of 3 dB BW)	nsec	-	54	120
Absolute Delay	μ sec	-	1	-
Ultimate Rejection	dB	-	45	-
Substrate Material	-	-	YZ LiNbO ₃	-
Temperature Coefficient	ppm/ $^{\circ}$ C	-	-94	-

Package Outline Matching Configuration



L1 = 68 nH , L2 = 68 nH
C1 = 7 pf
Nominal Source/Load Impedance = 50 Ω
Package Style SMP-53

12/2/99