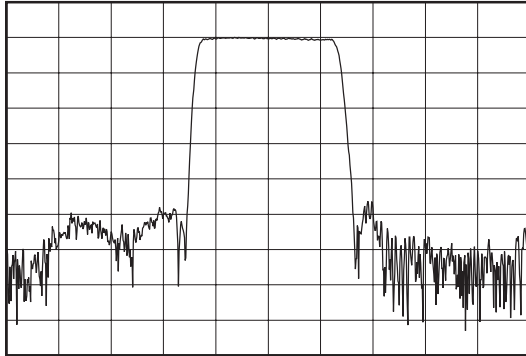
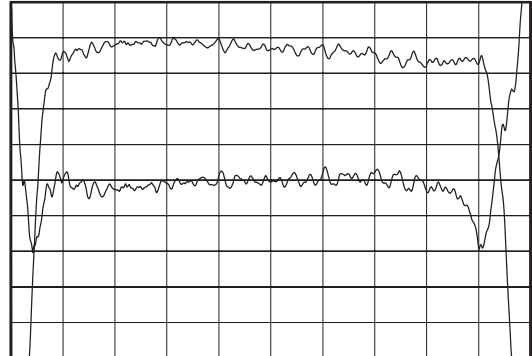


Data Sheet

Typical Performance



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

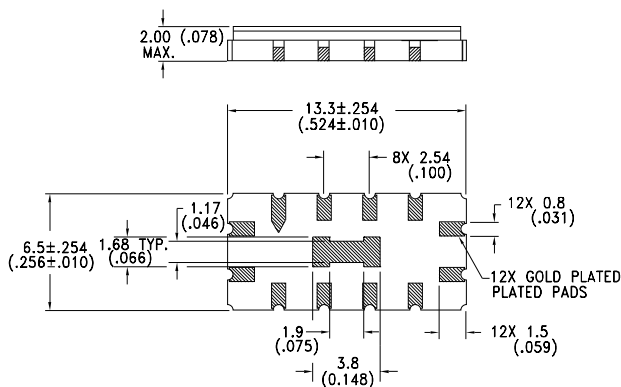


Horizontal: 3 MHz/Div
Vertical: 1 dB/Div
Vertical: 5 deg/Div

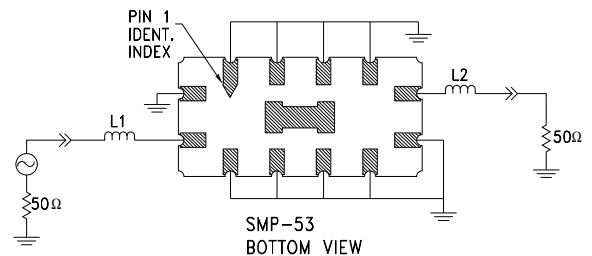
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency at F_o	MHz	69.8	70	70.2
Insertion Loss at F_o	dB	-	17	17.5
1 dB Bandwidth	MHz	24.8	25.25	-
3 dB Bandwidth	MHz	26	26.4	-
40 dB Bandwidth	MHz	-	32	32.6
Passband Ripple	dB	-	0.8	1
Phase Linearity (90% of 3dB Bandwidth)	deg	-	8.5	11
Group Delay Variation (90% of 3dB Bandwidth)	nsec	-	65	90
Absolute Delay	μ sec	-	1.16	-
Substrate Material	-	-	YZ LiNbO ₃	-
Temperature Coefficient	ppm/ $^{\circ}$ C	-	-94	-
Ambient Temperature	$^{\circ}$ C	-	25	-

Package Outline



Matching Configuration



$L1 = 120\text{nH}$, $L2 = 120\text{nH}$
Nominal Source/Load Impedance = 50Ω
Package Style SMP-53
11/29/99