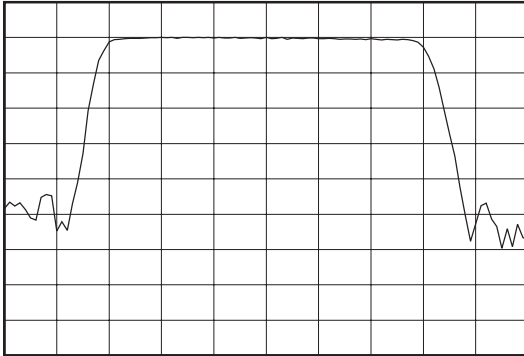
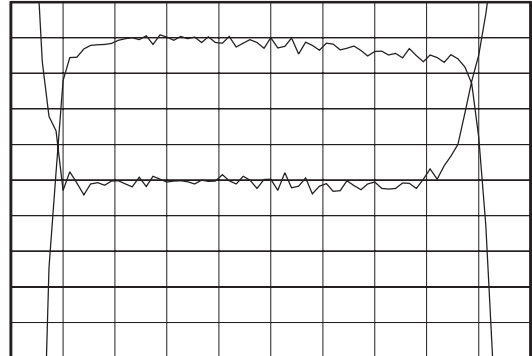


Data Sheet

Typical Performance



Horizontal: 4 MHz/Div  
Vertical: 10 dB/Div

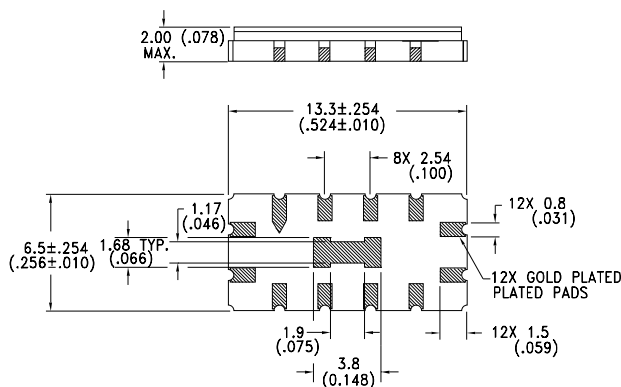


Horizontal: 3 MHz/Div  
Vertical: 1 dB/Div  
Vertical: 5 deg/Div

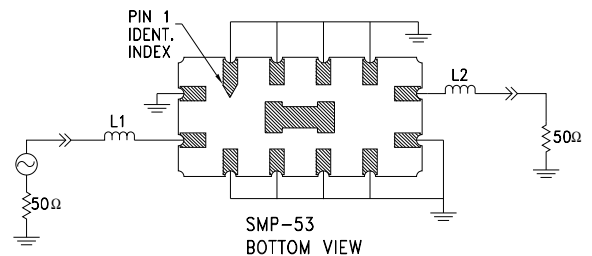
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.8	70	70.2
Insertion Loss at $F_0$	dB	-	16.25	17
2 dB Bandwidth	MHz	22.9	23.4	-
3 dB Bandwidth	MHz	24	24.45	-
40 dB Bandwidth	MHz	-	29.65	30.5
Passband Ripple	dB	-	0.7	1
Phase Linearity (90% of 3 dB Bandwidth)	deg	-	8	12
Group Delay Variation (90% of 3 dB Bandwidth)	nsec	-	65	100
Absolute Delay	μsec	-	1.14	-
Substrate Material	-	-	YZ LiNbO <sub>3</sub>	-
Temperature Coefficient	ppm/°C	-	-94	-
Ambient Temperature	°C	-	25	-

Package Outline



Matching Configuration



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