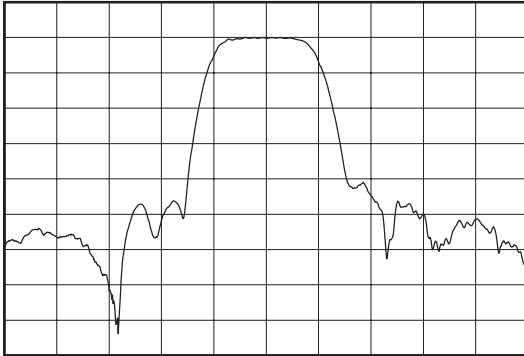
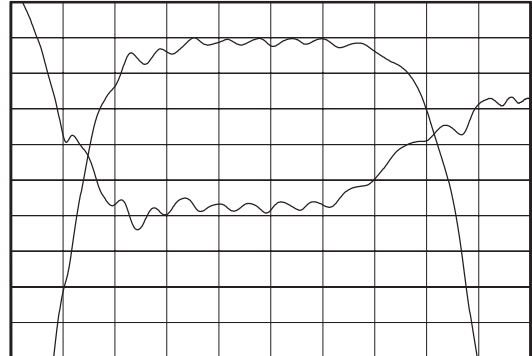


Data Sheet

Typical Performance



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

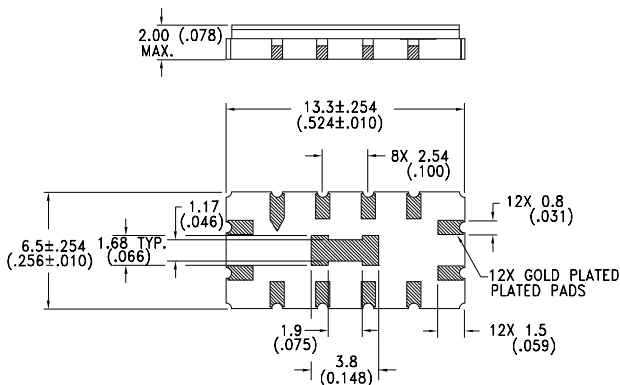


Horizontal: 800 kHz/Div
Vertical: 1 dB/Div
Vertical: 5 deg/Div

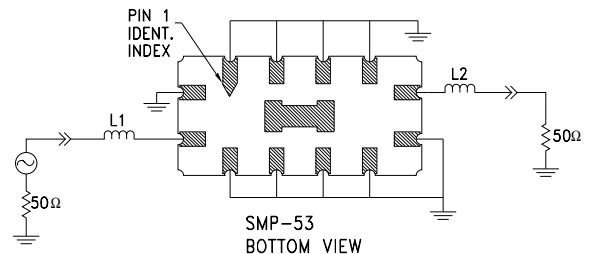
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.8	70	70.2
Insertion Loss at F_0	dB	-	7.25	8
1 dB Bandwidth	MHz	4.35	4.45	-
3 dB Bandwidth	MHz	5	5.35	-
40 dB Bandwidth	MHz	-	9.35	10.25
Passband Ripple	dB	-	0.6	1
Phase Linearity (80% of 3dB Bandwidth)	deg	-	8	9.5
Group Delay Variation (80% of 3dB Bandwidth)	nsec	-	90	125
Absolute Delay	μ sec	-	0.96	-
Substrate Material	-	-	YZ LiNbO ₃	-
Temperature Coefficient	ppm/ $^{\circ}$ C	-	-94	-
Ambient Temperature	$^{\circ}$ C	-	25	-

Package Outline



Matching Configuration



L1 = 180nH, L2 = 150nH
Nominal Source/Load Impedance = 50 Ω
Package Style SMP-53

11/24/99