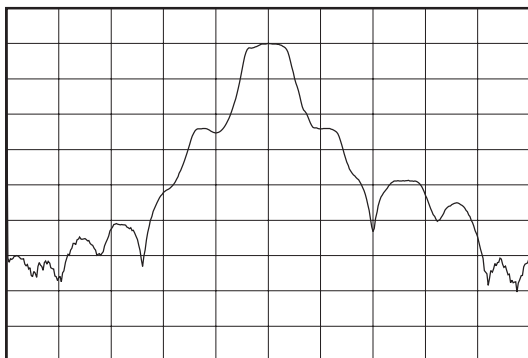
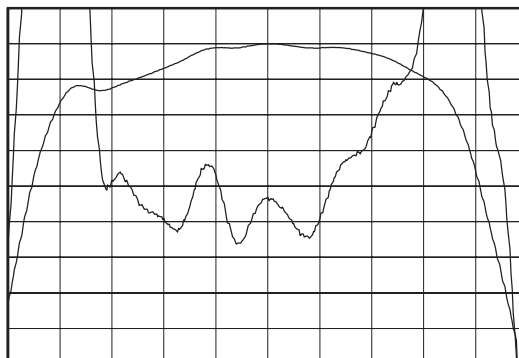


Typical Performance



Horizontal: 500 kHz/Div
Vertical: 10 dB/Div

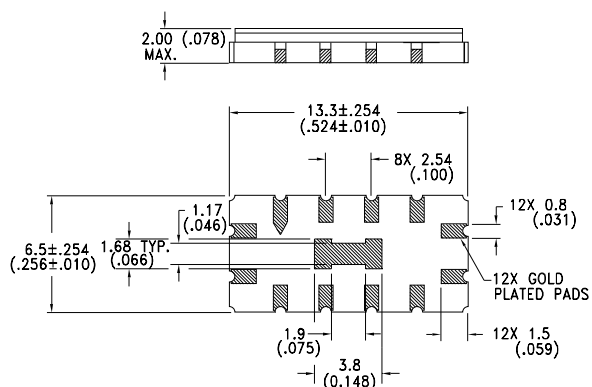


Horizontal: 50 kHz/Div
Vertical: 1 dB/Div
Vertical: 100 nsec/Div

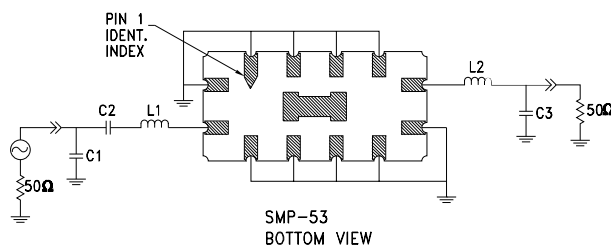
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	-	170	-
Insertion Loss	dB	-	5.2	6
1 dB Lower Bandedge	MHz	-	169.855	169.91
1 dB Upper Bandedge	MHz	170.09	170.202	-
Passband Ripple ($f_0 \pm 90$ kHz)	dB	-	0	0.5
Group Delay Variation($f_0 \pm 90$ kHz)	nsec	-	200	800
Rejection:169.4-169.6 MHz,170.4-170.6 MHz	dB	13	21	-
Rejection:169.4-169.2 MHz,170.6-170.8 MHz	dB	21	23	-
Rejection:168.2-169.2 MHz,170.8-171.8 MHz	dB	28	33.2	-
Rejection:167.1-168.2 MHz,171.8-172.6 MHz	dB	38	45	-
Rejection:164-167.1 MHz,172.6-176 MHz	dB	48	52	-
Substrate Material	-	-	Quartz	-
Operating Temperature Range	°C	-10	25	85

Package Outline



Matching Configuration



L1 = 82 nH, L2 = 56 nH
C1 = 22 pf, C2 = 120 pf, C3 = 33 pf
Nominal Source/Load Impedance = 50Ω
Package Style SMP-53

11/24/99