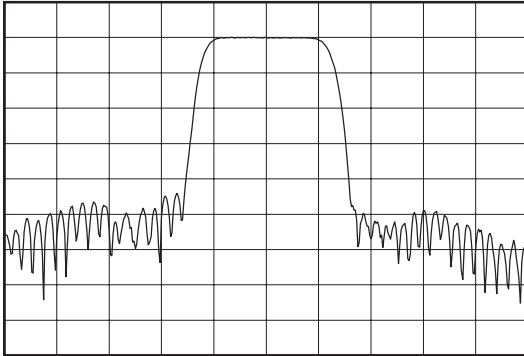
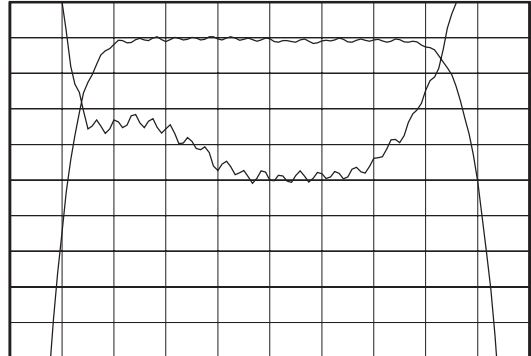


**Data Sheet**

**Typical Performance**



Horizontal: 5 MHz/Div  
Vertical: 10 dB/Div



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

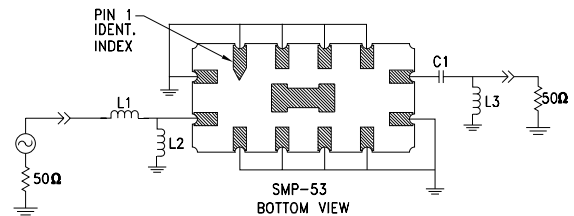
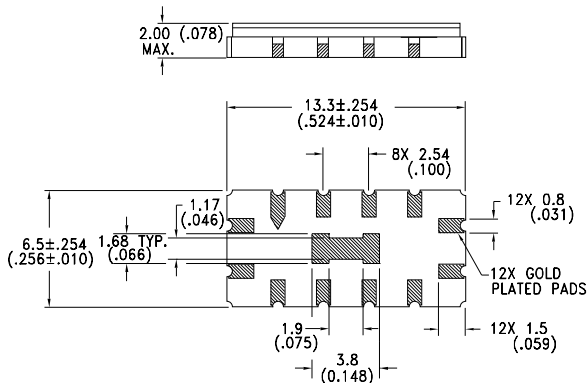
**Specifications**

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	-	167.1	-
Insertion Loss	dB	11	13.1	15
3 dB Lower Frequency	MHz	-	161.42	161.6
3 dB Upper Frequency	MHz	172.6	172.93	-
40 dB Lower Frequency	MHz	159.1	159.44	-
40 dB Upper Frequency	MHz	-	174.95	175.1
Passband Ripple	dB p-p	-	0.2	1
Phase Linearity	deg p-p	-	2.5	3
Group Delay Variation	nsec	-	28	60
Input / Output VSWR	-	-	1.3:1	1.92:1
Substrate Material	-	-	-	-
Temperature Range	°C	0	25	85

**Package Outline**

**Matching Configuration**

Specifications subject to change or obsolescence without notice.



L1 = 120 nH , L2 = 140 nH  
L3 = 12 nH , C1 = 68 pF  
Nominal Source/Load Impedance = 50Ω  
Package Style SMP 53

5/31/00