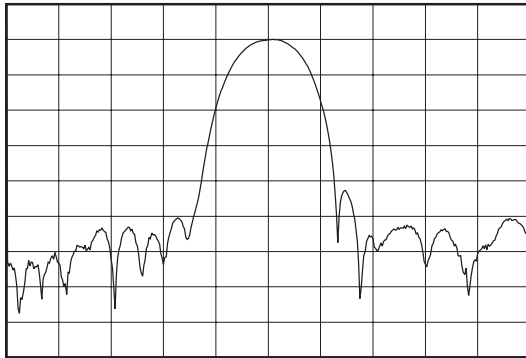
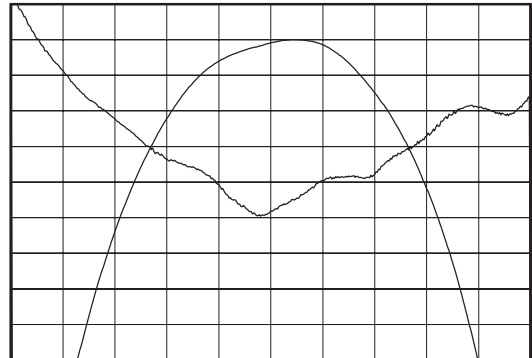


**Data Sheet**

**Typical Performance**



Horizontal: 1 MHz/Div  
 Vertical: 10 dB/Div



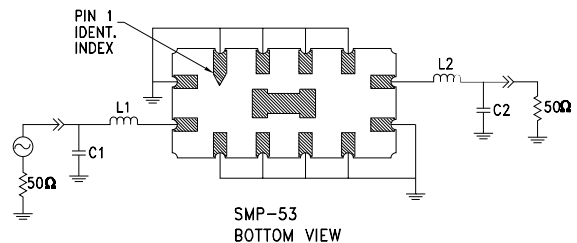
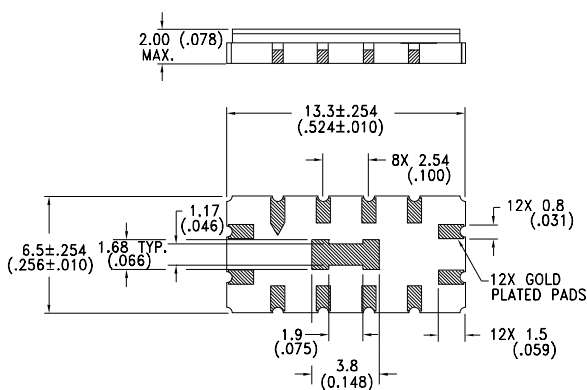
Horizontal: 200 kHz/Div  
 Vertical: 1 dB/Div  
 Vertical: 60 nsec/Div

**Specifications**

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	-	202.752	-
Insertion Loss(@ 25 °C)	dB	5.6	6.6	7.6
Insertion Loss Variation(from 25 °C)	MHz	-	0.6	1.5
3 dB Bandwidth	MHz	0.5	0.99	1.5
40 dB Bandwidth	MHz	-	2.54	10
Amplitude Ripple: $f_o \pm 150$ kHz	dB	-	0.6	1
Delay Ripple: $f_o \pm 150$ kHz	nsec	-	52	500
VSWR at $f_o$	-	-	1.4:1	2.0:1
Triple Transit Suppression	dB	36	42	-
Substrate Material	-	-	Quartz	-
Operating Temperature Range	°C	-40	25	85

**Package Outline      Matching Configuration**

Specifications subject to change or obsolescence without notice.



$L1 = 56$  nH ,  $L2 = 41$  nH  
 $C1 = 33$  pf ,  $C2 = 33$  pf  
 Nominal Source/Load Impedance =  $50\Omega$   
 Package Style SMP-53

5/2/00