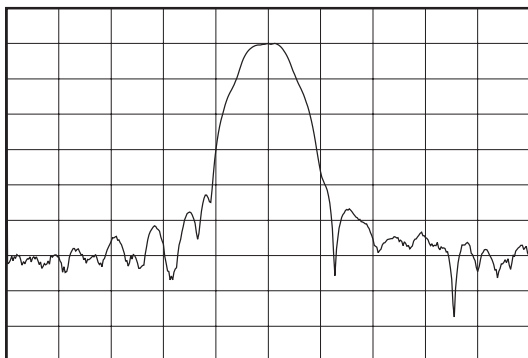
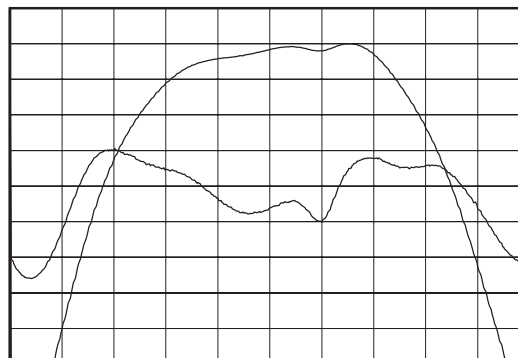


Typical Performance



Horizontal: 400 kHz/Div
Vertical: 10 dB/Div

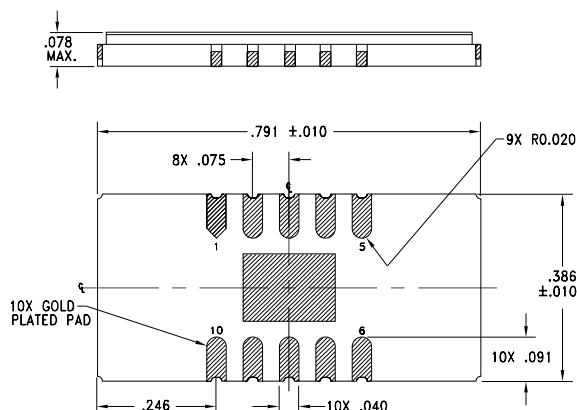


Horizontal: 50 kHz/Div
Vertical: 1 dB/Div
Vertical: 380 nsec/Div

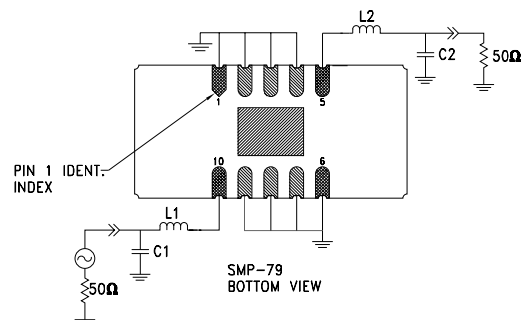
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	-	167	-
Insertion Loss	dB	-	6	8
1 dB Bandwidth	kHz	0.14	0.23	-
5 dB Bandwidth	kHz	-	0.359	0.45
15 dB Bandwidth	kHz	-	0.587	0.8
40 dB Bandwidth	kHz	-	0.862	1.2
45 dB Bandwidth	kHz	-	1	1.6
50 dB Bandwidth	kHz	-	1.195	3
Passband Ripple (166.93 - 167.07 MHz)	dB p-p	-	0.51	1
Delay Variation (166.93 - 167.07 MHz)	nsec	-	500	1000
Rejection	dB	50	56	-
Substrate Material	-	-	Quartz	-
Operating Temperature Range	°C	-10	25	85

Package Outline



Matching Configuration



L1 = 32 nH , L2 = 35 nH
C1 = 38 pf , C2 = 45 pf
Nominal Source/Load Impedance = 50Ω
Package Style SMP-79

12/1/99