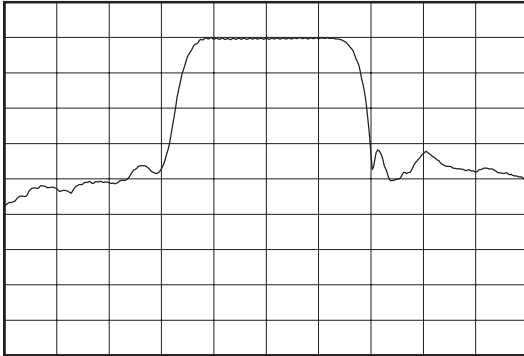
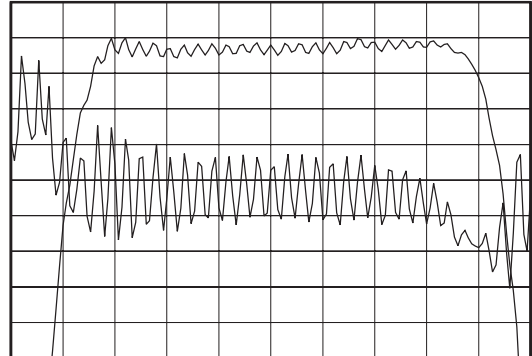


**Data Sheet**

**Typical Performance**



Horizontal: 8 MHz/Div  
Vertical: 10 dB/Div



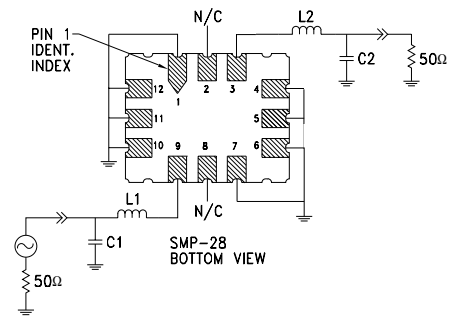
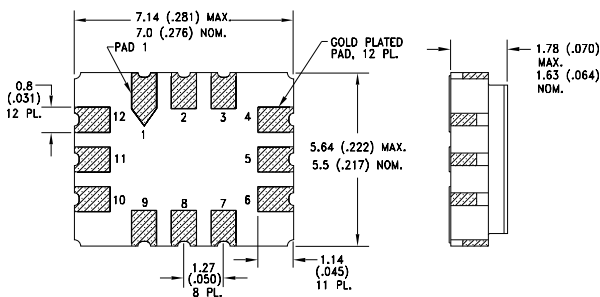
Horizontal: 3 MHz/Div  
Vertical: 1 dB/Div  
Vertical: 20 nsec/Div

**Specifications**

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	-	398	-
Insertion Loss @ 398 MHz	dB	-	7.5	11
1 dB Bandwidth	MHz	15	22	-
30 dB Bandwidth	MHz	-	32	60
Amplitude Variation ( $f_o \pm 2.15$ MHz)	dB	-	0.4	0.7
Group Delay Variation ( $f_o \pm 2.15$ MHz)	nsec	-	40	100
Substrate Material	-	-	YZ LiNbO <sub>3</sub>	-
Operating Temperature Range	°C	-30	25	70

**Package Outline**

**Matching Configuration**



L1 = 25 nH , L2 = 27 nH  
C1 = 12 pf , C2 = 12 pf  
Nominal Source/Load Impedance = 50 Ω  
Package Style SMP 28

12/2/99