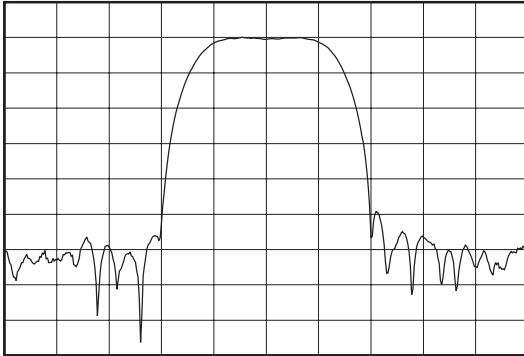
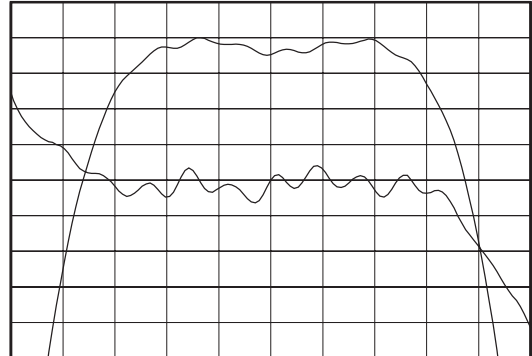


Data Sheet

Typical Performance



Horizontal: 900 kHz/Div
Vertical: 10 dB/Div



Horizontal: 300 kHz/Div
Vertical: 1 dB/Div
Vertical: 2 deg/Div

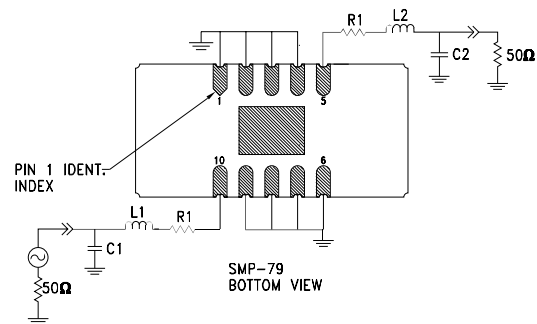
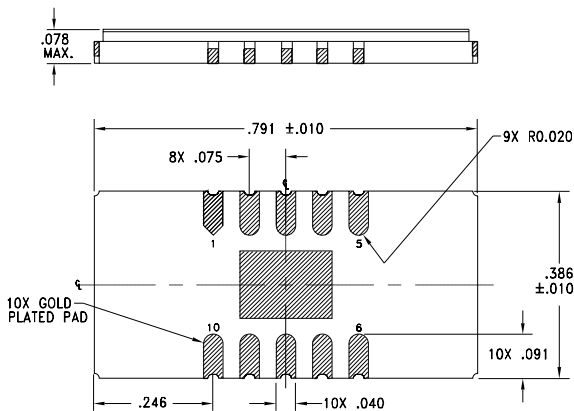
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	-	114.99	-
Insertion Loss	dB	-	21	25
.5 dB Lower Frequency	MHz	-	114.262	114.29
.5 dB Upper Frequency	MHz	115.69	115.732	-
50 dB Lower Frequency	MHz	112	113.197	-
50 dB Upper Frequency	MHz	-	116.804	118
Amplitude Ripple(114.375 - 115.605 MHz)	dB p-p	-	0.3	0.65
Phase Linearity(114.375 - 115.605 MHz)	deg p-p	-	2	5
Input / Output Return Loss	dB	9	16	-
Triple Transit Suppression	dB	30	40	-
Substrate Material	-	-	Quartz	-
Temperature Range	°C	-40	25	85

Package Outline

Matching Configuration

Specifications subject to change or obsolescence without notice.



$L1 = 150 \text{ nH}$, $L2 = 150 \text{ nH}$, $C1 = 56 \text{ pf}$
 $C2 = 33 \text{ pf}$, $R1 = 2.2 \Omega$, $R2 = 18 \Omega$
 Nominal Source/Load Impedance = 50Ω
 Package Style SMP 79

4/19/00