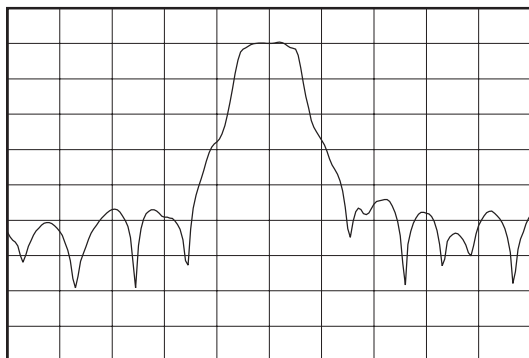
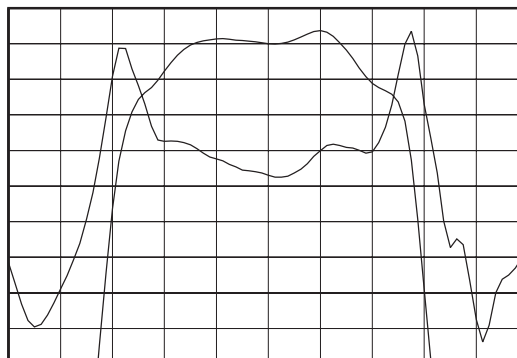


Data Sheet

Typical Performance



Horizontal: 4 MHz/Div
Vertical: 10 dB/Div



Horizontal: 2 MHz/Div
Vertical: 1 dB/Div
Vertical: 40 nsec/Div

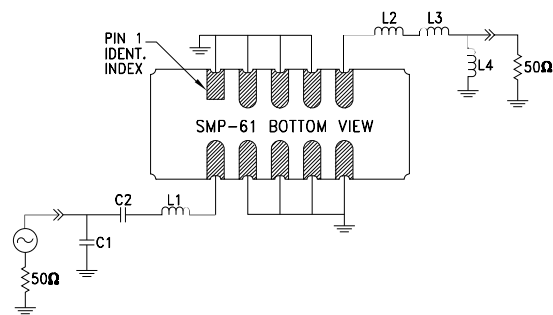
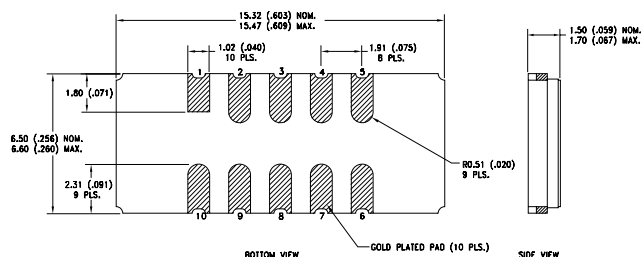
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	-	170.6	-
Insertion Loss	dB	-	7.6	9
.5 dB Bandwidth	MHz	0.18	0.394	-
1.0 dB Bandwidth	MHz	0.3	0.465	-
Amplitude Variation ($f_c \pm .090$ MHz)	dB p-p	-	0.18	0.5
Amplitude Variation ($f_c \pm .150$ MHz)	dB p-p	-	0.53	1
Group Delay Variation ($f_c \pm 90$ kHz)	nsec	-	270	400
Group Delay Variation ($f_c \pm 150$ kHz)	nsec	-	410	1000
Input/Output VSWR ($f_c \pm .090$ kHz)	-	-	1.6	2.0:1
Input/Output VSWR ($f_c \pm .150$ MHz)	-	-	1.8	2.5:1
Attenuation: ($f_c \pm .400$ MHz)	dB	13	22	-
Attenuation: ($f_c \pm .600$ MHz)	dB	27	31	-
Attenuation: ($f_c \pm .800$ MHz)	dB	40	44	-
Attenuation: ($f_c \pm 1.6$ MHz)	dB	43	47	-
Attenuation: ($f_c \pm 3.0$ MHz)	dB	47	49	-
Attenuation: ($f_c \pm 5.8$ MHz)	dB	50	56	-
Substrate Material	-	-	Quartz	-
Ambient Temperature	°C	-10	25	85

Package Outline

Matching Configuration

Specifications subject to change or obsolescence without notice



$L1 = 180$ nH , $L2 = 15$ nH
 $L3 = 8$ nH , $L4 = 18$ nH
 $C1 = 39$ pf, $C2 = 7$ pf
 Nominal Source/Load Impedance = 50Ω
 Package Style SMP-61B

4/4/01