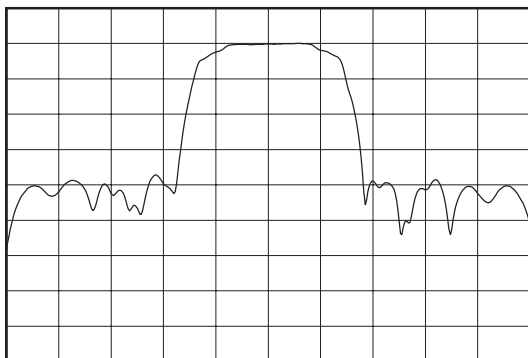
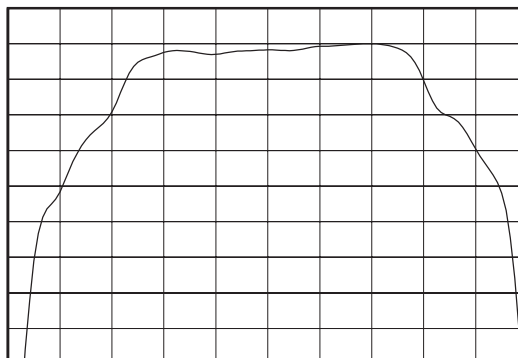


Typical Performance



Horizontal: 500 kHz/Div
Vertical: 10 dB/Div



Horizontal: 150 kHz/Div
Vertical: 1 dB/Div

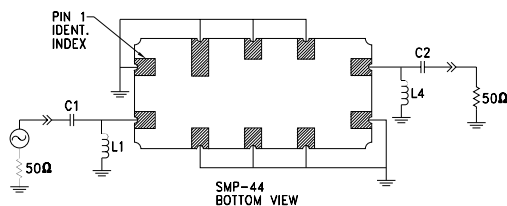
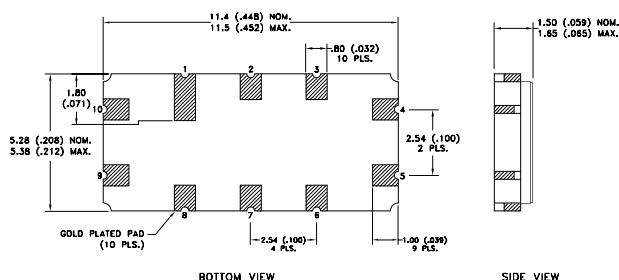
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	-	85.38	-
Insertion Loss	dB	-	9	12
Attenuation @ $f_0 \pm 0.630$ MHz	dB	-	4	5
Attenuation @ $f_0 \pm 0.9$ MHz	dB	33	42	-
Attenuation @ $f_0 \pm 1.25$ MHz	dB	33	48	-
Attenuation @ $f_0 \pm 1.7$ MHz	dB	33	48	-
Attenuation @ $f_0 \pm 2.05$ MHz	dB	33	43	-
Amplitude Variation ($f_0 \pm 0.300$ MHz)	dB p-p	-	0.43	0.7
Phase Linearity ($f_0 \pm 0.630$ MHz)	deg rms	-	1.6	3
Ultimate Rejection	dB	45	55	-
Source/Load Characteristics	Ω	-	1K Ω / 500 Ω Single-ended or Differential	-
Substrate Material		-	Quartz	-
Operating Temperature Range	$^{\circ}\text{C}$	-30	25	80

Package Outline

Matching Configuration

Specifications subject to change or obsolescence without notice.



$L1 = 165 \text{ nH}$, $L2 = 165 \text{ nH}$
 $C1 = 6 \text{ pf}$, $C2 = 6 \text{ pf}$
 Nominal Source/Load Impedance = 50 Ω
 Package Style SMP-44

6/7/00