Typical Performance
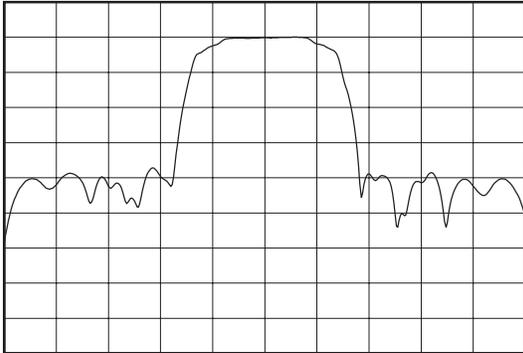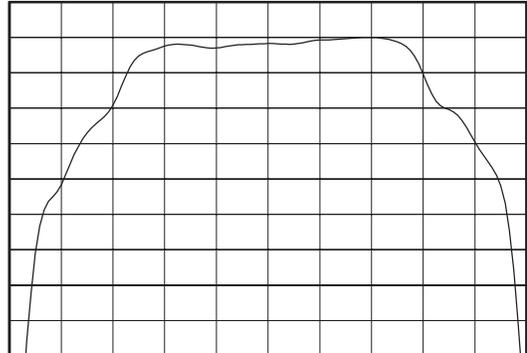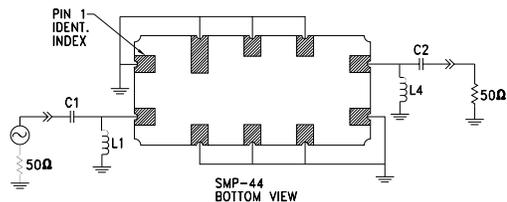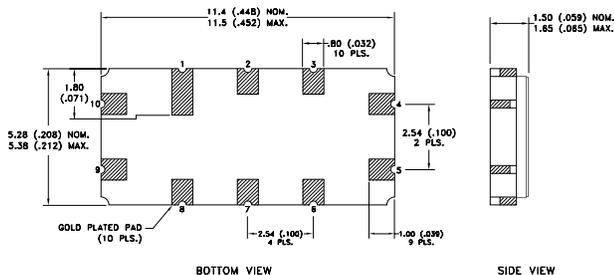

Horizontal: 500 kHz/Div
Vertical: 10 dB/Div

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 @ $f_o \pm 0.630$ MHz	dB	-	4	5
Attenuation @ $f_o \pm 0.9$ MHz	dB	33	42	-
Attenuation @ $f_o \pm 1.25$ MHz	dB	33	48	-
Attenuation @ $f_o \pm 1.7$ MHz	dB	33	48	-
Attenuation @ $f_o \pm 2.05$ MHz	dB	33	43	-
Amplitude Variation ($f_o \pm 0.300$ MHz)	dB p-p	-	0.43	0.7
Phase Linearity ($f_o \pm 0.630$ MHz)	deg rms	-	1.6	3.5
Ultimate Rejection	dB	45	55	-
Source/Load Characteristics	Ω	-	1KΩ / 500Ω Single-ended or Differential	-
Substrate Material		-	Quartz	-
Operating Temperature Range	°C	-30	25	80

Package Outline

Matching Configuration

Specifications subject to change or obsolescence without notice.

BOTTOM VIEW   SIDE VIEW

L1 = 165 nH , L2 = 165 nH
C1 = 6 pf , C2 = 6 pf
Nominal Source/Load Impedance = 50Ω
Package Style SMP-44   5/23/02