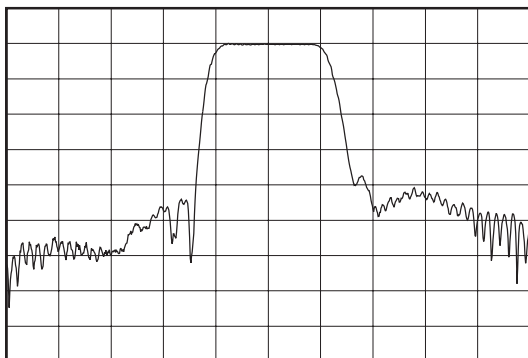
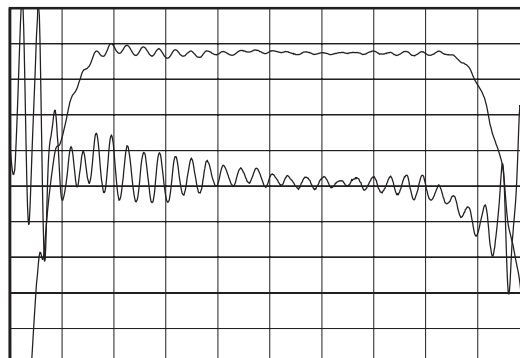


Typical Performance



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



Horizontal: 2.1 MHz/Div
Vertical: 1 dB/Div
Vertical: 20 nsec/Div

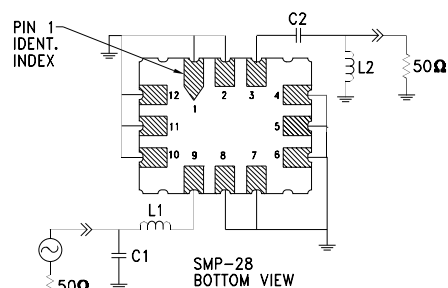
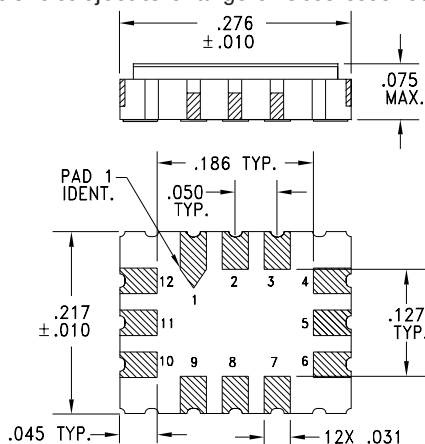
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	-	280	-
Insertion Loss	dB	-	6.9	10
3 dB Lower Frequency	MHz	-	269.44	271.5
3 dB Upper Frequency	MHz	288.5	290.89	-
37 dB Lower Frequency	MHz	250	266	-
37 dB Upper Frequency	MHz	-	298.5	310
Passband Ripple (271.5 - 288.5 MHz)	dB	-	0.29	1
Group Delay	μsec	-	0.645	-
Group Delay Variation	nsec	-	45	100
Substrate Material	-	-	YZ LiNbO ₃	-
Operating Temperature Range	°C	-10	25	50

Package Outline

Matching Configuration

Specifications subject to change or obsolescence without notice.



L1 = 12 nH, L2 = 15 nH

C1 = 18 pf, C2 = 47 pf

Values may vary due to PCB Parasitics

Nominal Source/Load Impedance = 50Ω

Package Style SMP-28

3/22/00