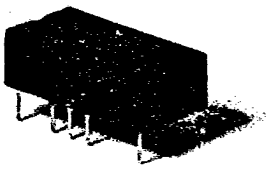
SERIES EL5110 ECL DIGITAL DELAY MODULES

• 5 Taps 16 Pin DIP Package • Input & Output Buffered • 5 Equally Spaced Taps



Specifications:

- Supply Voltage : –5.2v
- Logic 1 Voltage : –.96v
- Logic 1 Current : .26mA
- Logic 0 Current : .5μA
- Logic 0 Voltage : –1.65v
- Operating Temperature : –30°C to 85°C
- Power Dissipation : 200mW Typ. (No load)

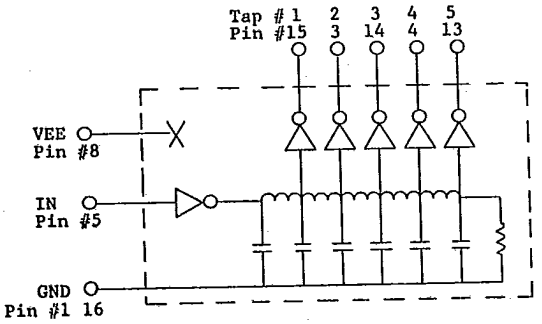
Input Test Conditions:

- Input Pulse-Width : Min. 40% of Total Delay
- Input Pulse Rise : 2NS
- Input Pulse Voltage : –.7v
- Vee Supply Voltage : –5.2VDC
- Vee Supply Current : 40mA Typ.

Electrical Specifications at 25°C

Part Number	Total Delay NSEC ±5%	Tap to Tap Delay NS (1)	Rise Time NS Max(2)
EL5110*	5	1	4
EL5111*	10	2	4
EL5112*	15	3	4
EL5113*	20	4	4
EL5114	25	5	4
EL5115	30	6	4
EL5116	35	7	4
EL5117	40	8	4
EL5118	45	9	5
EL5119	50	10	5
EL5120	60	12	5
EL5121	75	15	8
EL5122	100	20	10
EL5123	125	25	15
EL5124	150	30	15
EL5125	200	40	20
EL5126	250	50	20
EL5127	300	60	28
EL5128	400	80	38
EL5129	500	100	45

Note: (1) Measured at 50% leading edge, Tol. ±5% or ±2NS whichever is greater.
(2) Measured from 20% to 80% of leading edge.
* Time Delay measurements referenced to 1st Tap



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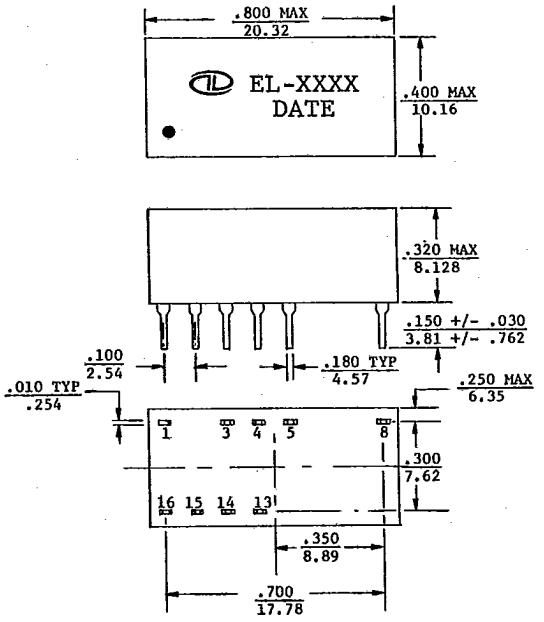

INCHES .XXX +/- .010
MILLIMETERS .XX +/- .25