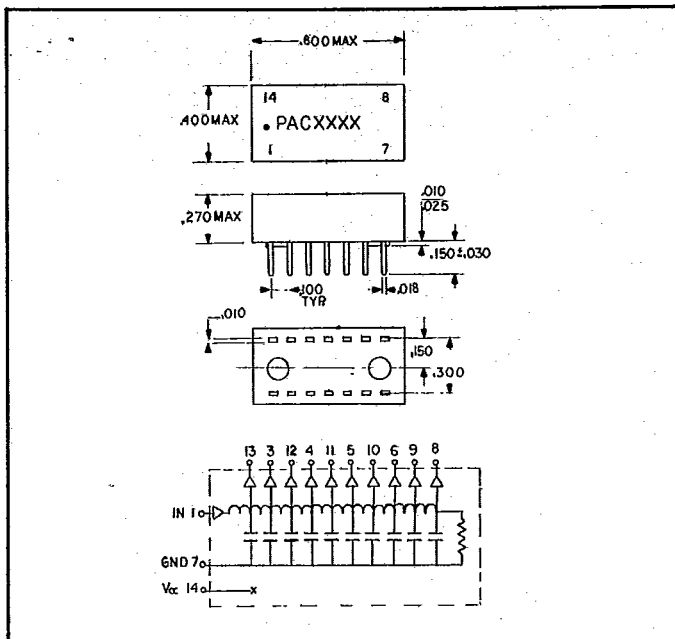


DELAY MODULES, TTL

14 PIN 10 TAPS



- TTL and DTL compatible
- No external components required
- Low profile
- Fits standard 14 pin DIP socket

Part Number	Delay Time ^{1,3} ns	Number of Taps	Tap Delay ^{1,3} ns	Rise Time ² ns
4201	50	10	5	4
4202	60	10	6	4
4203	70	10	7	4
4204	80	10	8	4
4205	90	10	9	4
4206	100	10	10	4
4207	150	10	15	4
4208	200	10	20	4
4209	250	10	25	4
4210	300	10	30	5
4211	400	10	40	5
4212	500	10	50	5

1. MEASURED AT 1.5V LEVEL ON THE LEADING EDGE
 2. MEASURED FROM 0.75V TO 2.4V
 3. TOLERANCE $\pm 5\%$ or $\pm 2\text{ns}$ which ever is greater

OPERATING SPECIFICATIONS

Vcc supply voltage: 4.75 to 5.25 VDC
 Logic 1 input:
 Voltage 2V min; 5.5V max.
 Current 2.4V = 50ua max.
 5.5V = 1ma max.

Logic 0 input:
 Voltage .8V max.
 Current -2ma max.

Logic 1 Voltage out: 2.4V min.
 Logic 0 Voltage out: .4V max.

Operating temperature range: 0° to 70°C
 Storage temperature: -55 to +125°C.

TEST CONDITIONS

Input pulse width: Minimum of 50% of Delay
 Input pulse rise time: 3ns
 Input pulse voltage: 3.2V
 Vcc supply voltage: 5.0 VDC
 Icc supply current: 80 ma typ.
 All measurements made at 25°C.

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