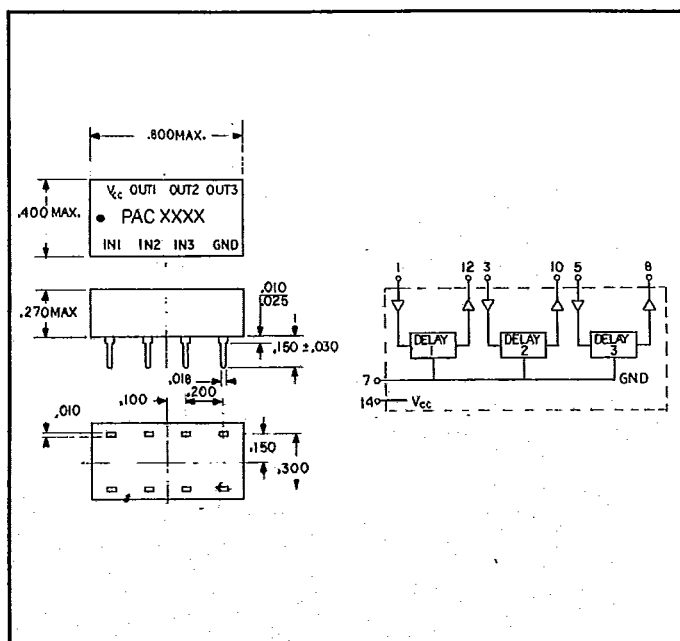


DELAY MODULES, TTL, TRIPLE DELAY

14 PIN 3 OUTPUTS



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

LOW POWER VERSION ALSO AVAILABLE

Part Number	Delay Time ^{1,3} ns	Rise Time ² ns
4166	3 x 5	4
4167	3 x 10	4
4168	3 x 20	4
4169	3 x 25	4
4170	3 x 30	4
4171	3 x 35	4
4172	3 x 40	4
4173	3 x 45	4
4174	3 x 50	4
4175	3 x 60	4
4180	3 x 65	4
4176	3 x 70	4
4177	3 x 80	4
4178	3 x 90	4
4179	3 x 100	4

1. MEASURED AT 1.5V LEVEL ON THE LEADING EDGE
 2. MEASURED FROM 0.75V TO 2.4V
 3. TOLERANCE $\pm 5\%$ or ± 2 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.

860 STATE ROAD PRINCETON, N.J. 08540
 (609) 924-2444

