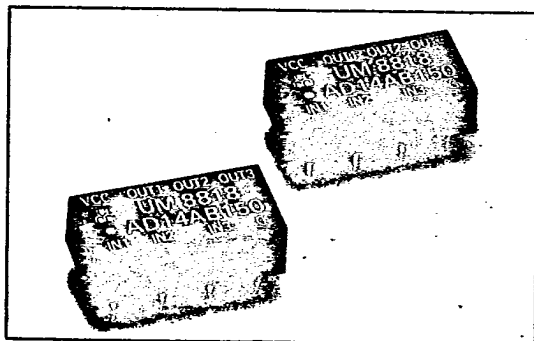




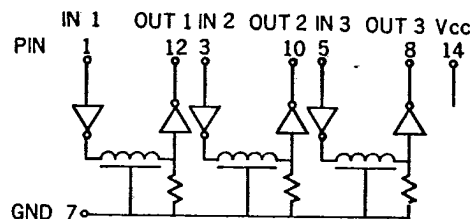
AD14AB SERIES: 14-PIN DIL TRIPLE



FEATURES:

- TTL and DTL Compatible
- 3 Independent Equal Delays
- Operating Temperature Range:
0°C to +70°C
- Custom Designs (delays or pin layouts) Available upon Request

PACKAGE DIMENSIONS:



ELECTRICAL CHARACTERISTICS

Supply Voltage V_{cc} : 5.0 ± 0.25 VDC
 Logic 1 Input Voltage: 2.0V min.
 Input Current: $50 \mu A$ max.
 Logic 0 Input Voltage: 0.8V max.
 Input Current: -2.0 mA max.
 Logic 1 Output Voltage: 2.4V min.
 Logic 0 Output Voltage: 0.5V max.
 All measurements made at $V_{cc}=5.0V$, 25°C

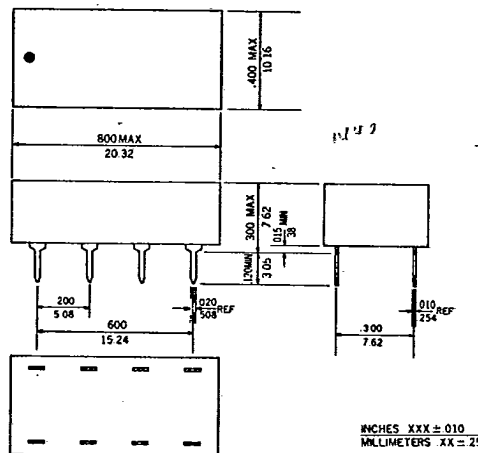
FAN OUT CAPABILITIES

Logic 0 Output: 10 TTL loads/tap max.
 : 20 TTL loads/unit max.
 Logic 1 Output: 20 TTL loads/unit max.

INPUT TEST CONDITIONS

Pulse Voltage: 3.2 V
 Rise Time: 3.0 ns
 Supply Current: 60mA typical
 Pulse Width: min.100% of total delay
 Duty Cycle: 33% or less

CIRCUIT AND PIN CONNECTIONS:



ELECTRICAL SPECIFICATIONS:

PART NO.	DELAY TIME(1) $\pm 5\%$ (ns)	RISE TIME(2) ns max.
AD14AB005	5 ± 1.5	3
AD14AB010	10 ± 1.5	3
AD14AB020	20 ± 1.5	3
AD14AB025	25 ± 1.5	3
AD14AB030	30 ± 2.0	3
AD14AB040	40 ± 2.5	3
AD14AB050	50	3
AD14AB060	60	4
AD14AB070	70	4
AD14AB075	75	4
AD14AB080	80	4
AD14AB090	90	4
AD14AB100	100	4
AD14AB125	125	4
AD14AB150	150	4
AD14AB200	200	4

(1) Delays. measured at 1.5V level on leading edge only with no loads on taps.

(2) Rise Time measured from 0.75V to 2.4V with no loads.