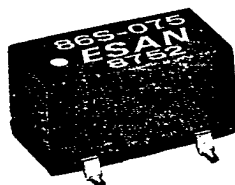


- 8 Pin DIL Package
- Single Output
- TTL Compatible



Specifications:

- Delay tolerance : $\pm 5\%$ or 2ns
whichever is greater
- Rise time : 4ns max.
- Temp. coefficient : 100 ppm/ $^{\circ}\text{C}$
- Operating Temp. Range : -0°C to 70°C
- Minimum Pulse Width : 40% of total delay
- Supply Voltage : 5Vdc $\pm 5\%$
- Logic 1 Input current : 50 μA max.
- Logic 0 Input current : -2 mA max.
- Logic 1 Output : 2.75V min.
- Logic 0 Output : 0.4V max.
- Logic 1 Fan out : 20/TAP max.
- Logic 0 Fan out : 10/TAP max.
- Power Dissipation : 375 mW max.

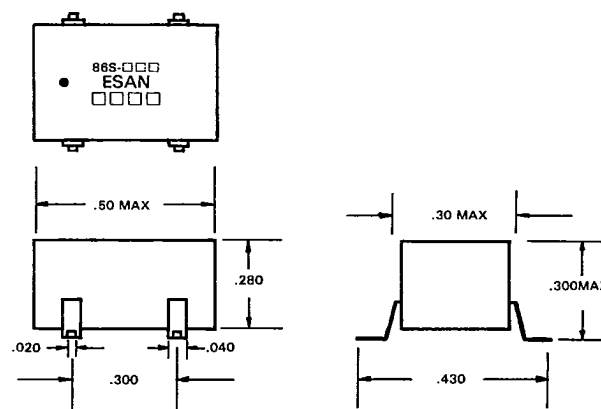
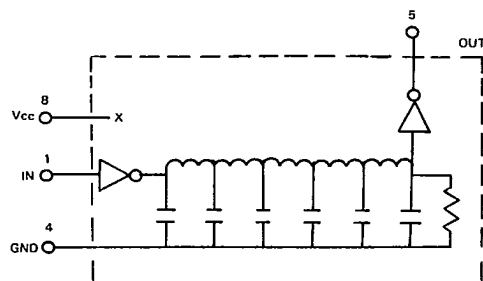
Test Conditions:

- Input pulse voltage : 3.2V
- Input pulse width : 1.2 * total delay
- Input pulse spacing : 2 * total delay
- Input pulse rise time: : 2 ns
- Rise time : 0.75V to 2.4V
- Time delay measured : @ 1.5V level
- All measurement : @ $V_{\text{cc}} = 5.0\text{V}$, $T_A = 25^{\circ}\text{C}$

Features:

- Schottky TTL interface
- Low power schottky available named "86SL- xxx" series
- Both Leading and Trailing edge available under request named "86SB- xxx" series

PART NO.	DELAY TIME (ns)
86S-025	25
86S-050	50
86S-075	75
86S-100	100
86S-125	125
86S-150	150
86S-200	200
86S-250	250
86S-300	300
86S-400	400
86S-500	500



Unit: Inch