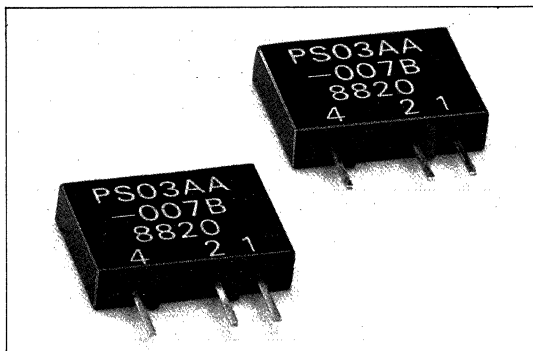


**PS03AA SERIES: 3-PIN SIP-SINGLE OUTPUT****GENERAL SPECIFICATIONS:**

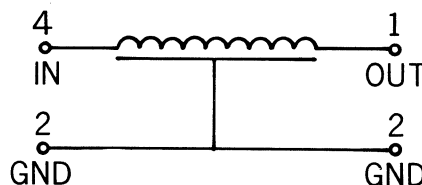
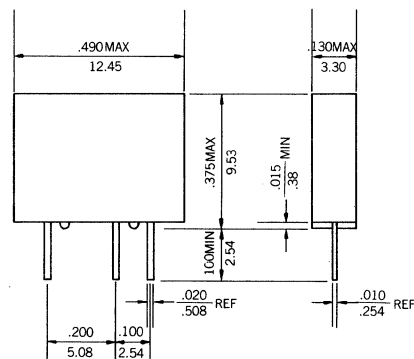
Total Delay: 1 to 10 ns

Distortion: $\pm 10\%$ max.Characteristic Impedance: 100 ohms ($\pm 10\%$)Temperature Coefficient: 100 ppm/ $^{\circ}\text{C}$ max.Operating Temperature Range: 0°C to $+70^{\circ}\text{C}$ Storage Temperature Range: -55°C to $+125^{\circ}\text{C}$

Insulation Resistance: 1000 megohms min.

50VDC, $+25^{\circ}\text{C}$ **FEATURES:**

- 3-pin SIP Package
- Compatible with ECL and TTL Circuits
- Small Size
- Other Delays Available upon Request

CIRCUIT CONFIGURATION:**PACKAGE DIMENSIONS:****PART NUMBER SYSTEM:**

PS03AA

005

B

Characteristic Impedance in ohm
B=100 ohmsTotal Delay in ns
For example: 005=5 nsBasic Series
Passive delay line SIP 3 pins

INCHES XXX $\pm .010$
MILLIMETERS .XX $\pm .25$

ELECTRICAL SPECIFICATIONS:

PART NO.	IMPEDANCE $Z_0 \pm 10\% (\Omega)$	TOTAL DELAY T_d (ns)	RISE TIME T_r max. (ns)	ATTENUATION max. (%)
PS03AA001B	100	1.0 ± 0.2	3.0	2
PS03AA002B	100	2.0 ± 0.4	3.0	2
PS03AA003B	100	3.0 ± 0.5	3.0	2
PS03AA004B	100	4.0 ± 0.5	3.5	2
PS03AA005B	100	5.0 ± 0.5	3.5	2
PS03AA006B	100	6.0 ± 0.5	3.5	2
PS03AA007B	100	7.0 ± 0.5	4.0	2
PS03AA008B	100	8.0 ± 0.5	4.0	2
PS03AA009B	100	9.0 ± 0.5	4.5	2
PS03AA010B	100	10.0 ± 0.5	4.5	2