

## LUMPED CONSTANT DELAY LINES SINGLE IN-LINE SERIES 0401

### TECHNICAL INFORMATION

#### TEST CONDITIONS

Pulse Width	3 × Total Delay
Pulse Period	4 × Pulse Width
Rise Time	2.0 NSec (10%-90%)
Pulse Voltage	1 Volt
Ambient Temperature	20°C

#### PERFORMANCE CHARACTERISTICS

Distortion	10% max.
Rise Time (True)	See Table

Performance Characteristics apply at above listed Test Conditions.

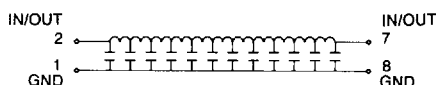
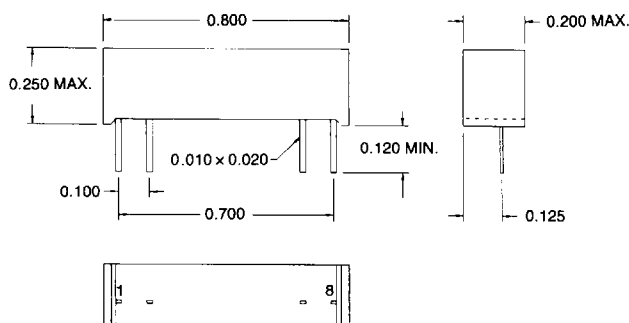
#### ELECTRICAL CHARACTERISTICS

Operating Temperature Range  
- 55°C To 125°C

Temperature Coefficient  
100PPM/°C Typical

Dielectric Withstanding Voltage  
50 Volt

- Compatible with TTL and ECL circuits
- Other delays and impedances upon request



Time Delay (ns)	Tolerance (Max.) (ns)	Max. * Rise Time (ns)	DCR (Ohms) (Max.)	Impedance Ohms (Zo) ± 10%	Part Number
0.0	+ 0.25	1.0	1.0	100	0401-1403-01
0.5	± 0.25	1.0	1.0	100	0401-1403-02
1.0	± 0.25	1.0	1.0	100	0401-1403-03
1.5	± 0.25	1.0	1.0	100	0401-1403-04
2.0	± 0.25	1.0	1.0	100	0401-1403-05
2.5	+ 0.25	1.0	1.0	100	0401-1403-06
3.0	± 0.25	1.0	1.0	100	0401-1403-07
3.5	± 0.25	1.0	1.0	100	0401-1403-08
4.0	± 0.25	1.0	1.0	100	0401-1403-09
4.5	± 0.25	1.0	1.0	100	0401-1403-10
5.0	+ 0.25	1.1	1.0	100	0401-1403-11
5.5	± 0.25	1.2	1.0	100	0401-1403-12
6.0	± 0.25	1.3	1.0	100	0401-1403-13
6.5	± 0.25	1.4	1.0	100	0401-1403-14
7.0	± 0.25	1.5	1.0	100	0401-1403-15
7.5	+ 0.25	1.6	1.0	100	0401-1403-16
8.0	± 0.25	1.7	1.0	100	0401-1403-17
8.5	± 0.25	1.8	1.0	100	0401-1403-18
9.0	± 0.25	1.9	1.0	100	0401-1403-19
9.5	± 0.25	2.0	1.0	100	0401-1403-20
10.0	± 0.25	2.0	1.0	100	0401-1403-21
11.0	± 0.25	2.2	2.0	100	0401-1403-23
12.0	± 0.25	2.3	2.0	100	0401-1403-25
13.0	± 0.25	2.5	2.0	100	0401-1403-27
14.0	± 0.25	2.6	2.0	100	0401-1403-29
15.0	± 0.25	2.8	2.0	100	0401-1403-31
16.0	± 0.25	3.0	2.5	100	0401-1403-33
17.0	± 0.25	3.2	2.5	100	0401-1403-35
18.0	± 0.25	3.4	2.5	100	0401-1403-37
19.0	± 0.25	3.6	2.5	100	0401-1403-39
20.0	± 0.50	3.8	2.5	100	0401-1403-40
25.0	± 0.50	4.5	4.0	100	0401-1403-46
30.0	± 0.50	5.5	4.5	100	0401-1403-51
35.0	± 0.50	6.4	5.5	100	0401-1403-56
40.0	± 0.50	7.4	6.0	100	0401-1403-61

\* Rise Time measured from 10% to 90% of the pulse (True)

Specifications Subject To Change Without Notice