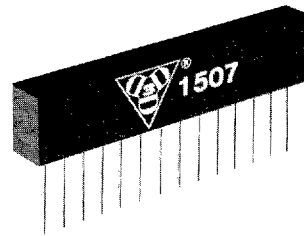


# Single-In-Line Delay Lines

**SERIES: 1507**

**14 pins SIP  
10 Taps**



## Specifications:

- 10 Equal Taps
- Low Profile
- Meets or Exceeds: MIL-D-23859C
- Operating Temperature Range:  $-55^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$
- Storage Temperature Range:  $-55^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$
- Temperature Coefficient: 100 PPM/ $^{\circ}\text{C}$
- Dielectric Breakdown: 50 Vdc
- Epoxy Encapsulated
- Maximum Distortion @ Output: 10%

Part No.	Total Delay (ns)	Imp. ( $\Omega$ )	Rdc ( $\Omega$ )	Delay Per Tap (ns)	Rise Time (ns)
1507-20A	$20 \pm 2.0$	50	1.0	$2 \pm .4$	4.0
1507-40A	$40 \pm 2.0$	50	1.5	$4 \pm 1.0$	8.0
1507-50A	$50 \pm 2.5$	50	1.5	$5 \pm 1.5$	9.0
1507-100A	$100 \pm 5.0$	50	2.0	$10 \pm 2.0$	18.0
1507-150A	$150 \pm 7.5$	50	3.0	$15 \pm 2.0$	28.0
1507-200A	$200 \pm 10.0$	50	4.0	$20 \pm 3.0$	38.0
1507-20B	$20 \pm 2.0$	100	1.5	$2 \pm .4$	4.0
1507-50B	$50 \pm 2.5$	100	2.0	$5 \pm 1.5$	9.0
1507-100B	$100 \pm 5.0$	100	4.0	$10 \pm 2.0$	18.0
1507-200B	$200 \pm 10.0$	100	6.0	$20 \pm 3.0$	38.0
1507-250B	$250 \pm 13.0$	100	7.0	$25 \pm 4.0$	48.0
1507-20C	$20 \pm 2.0$	200	3.0	$2 \pm .4$	4.0
1507-50C	$50 \pm 2.5$	200	4.5	$5 \pm 1.5$	9.0
1507-100C	$100 \pm 5.0$	200	6.0	$10 \pm 2.0$	18.0
1507-200C	$200 \pm 13.0$	200	9.0	$20 \pm 3.0$	38.0
1507-50G	$50 \pm 2.5$	500	6.0	$5 \pm 1.5$	9.0
1507-100G	$100 \pm 5.0$	500	10.0	$10 \pm 2.0$	18.0
1507-200G	$200 \pm 10.0$	500	30.0	$20 \pm 3.0$	38.0
1507-300G	$300 \pm 15.0$	500	30.0	$30 \pm 4.0$	58.0
1507-500G	$500 \pm 25.0$	500	55.0	$50 \pm 5.0$	98.0

