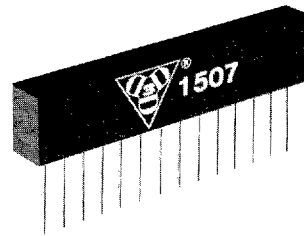


Single-In-Line Delay Lines

SERIES: 1507

**14 pins SIP
10 Taps**



Specifications:

- 10 Equal Taps
- Low Profile
- Meets or Exceeds: MIL-D-23859C
- Operating Temperature Range: -55°C to $+125^{\circ}\text{C}$
- Storage Temperature Range: -55°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. (Ω) | Rdc (Ω) | Delay Per Tap (ns) | Rise Time (ns) |
|-----------|------------------|-------------------|------------------|--------------------|----------------|
| 1507-20A | 20 ± 2.0 | 50 | 1.0 | $2 \pm .4$ | 4.0 |
| 1507-40A | 40 ± 2.0 | 50 | 1.5 | 4 ± 1.0 | 8.0 |
| 1507-50A | 50 ± 2.5 | 50 | 1.5 | 5 ± 1.5 | 9.0 |
| 1507-100A | 100 ± 5.0 | 50 | 2.0 | 10 ± 2.0 | 18.0 |
| 1507-150A | 150 ± 7.5 | 50 | 3.0 | 15 ± 2.0 | 28.0 |
| 1507-200A | 200 ± 10.0 | 50 | 4.0 | 20 ± 3.0 | 38.0 |
| 1507-20B | 20 ± 2.0 | 100 | 1.5 | $2 \pm .4$ | 4.0 |
| 1507-50B | 50 ± 2.5 | 100 | 2.0 | 5 ± 1.5 | 9.0 |
| 1507-100B | 100 ± 5.0 | 100 | 4.0 | 10 ± 2.0 | 18.0 |
| 1507-200B | 200 ± 10.0 | 100 | 6.0 | 20 ± 3.0 | 38.0 |
| 1507-250B | 250 ± 13.0 | 100 | 7.0 | 25 ± 4.0 | 48.0 |
| 1507-20C | 20 ± 2.0 | 200 | 3.0 | $2 \pm .4$ | 4.0 |
| 1507-50C | 50 ± 2.5 | 200 | 4.5 | 5 ± 1.5 | 9.0 |
| 1507-100C | 100 ± 5.0 | 200 | 6.0 | 10 ± 2.0 | 18.0 |
| 1507-200C | 200 ± 13.0 | 200 | 9.0 | 20 ± 3.0 | 38.0 |
| 1507-50G | 50 ± 2.5 | 500 | 6.0 | 5 ± 1.5 | 9.0 |
| 1507-100G | 100 ± 5.0 | 500 | 10.0 | 10 ± 2.0 | 18.0 |
| 1507-200G | 200 ± 10.0 | 500 | 30.0 | 20 ± 3.0 | 38.0 |
| 1507-300G | 300 ± 15.0 | 500 | 30.0 | 30 ± 4.0 | 58.0 |
| 1507-500G | 500 ± 25.0 | 500 | 55.0 | 50 ± 5.0 | 98.0 |

