

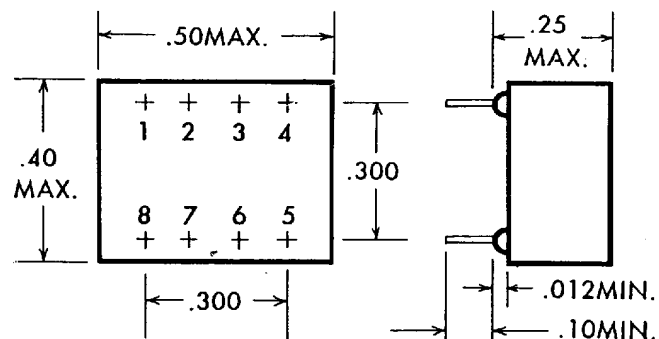
**ALLEN
AVIONICS,
INC.****80T****80G****CASE TYPE 5 TAP ACTIVE DELAY LINE****CASE TYPE 1 TAP ACTIVE DELAY LINE****SPECIFICATIONS:**

- Supply voltage: 5.0 VDC $\pm$ 10%
- Delay tolerances: $\pm$ 2ns or $\pm$ 5%
whichever is greater
- Rise Time: 4ns max
- Operating temp.range: 0°C to +70°C
- Temp.coeff. of delay: 1.0ns + 500ppm/°C
- Terminals: Electro tinplated alloy 42
.020w $\times$.010th.

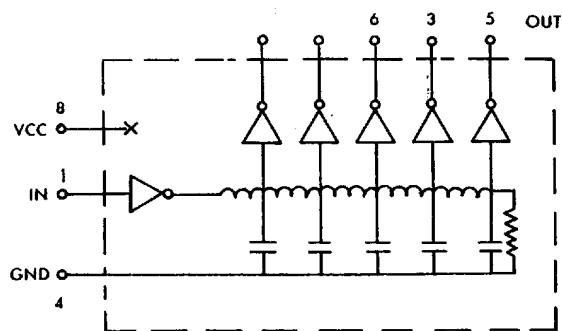
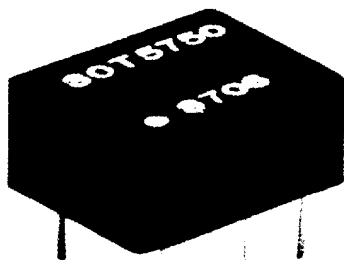
The Digital Delay Line series is supplied in two versions:

80T Series: Employs plastic packaged IC for an operating temperature range 0°C to +70°C

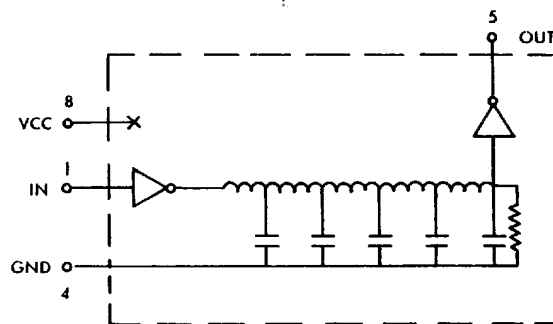
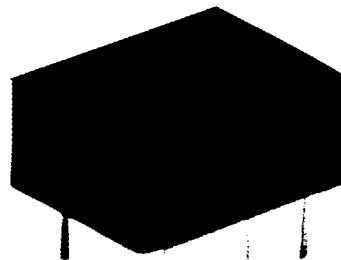
80TC Series: Manufactured with ceramic packaged IC's which have been tested & screened to MIL-STD-883 for operating temperature of -55°C to +125°C. When specifying add letter "C" after "T." example: 8T50 converts to 8TC50.

MECHANIC:

White Dot locates Pin 1

80T

Model NO.	Delay (ns)	Delay/Tap(ns)
80T5250	25	5
80T5300	30	6
80T5400	40	8
80T5500	50	10
80T5750	75	15
80T5101	100	20
80T5201	200	40
80T5251	250	50
80T5301	300	60
80T5401	400	80
80T5501	500	100

80G

Model NO.	Total delay
80G5250	25NS
80G5300	30NS
80G5400	40NS
80G5500	50NS
80G5750	75NS
80G5101	100NS
80G5201	200NS
80G5251	250NS
80G5301	300NS
80G5401	400NS
80G5501	500NS