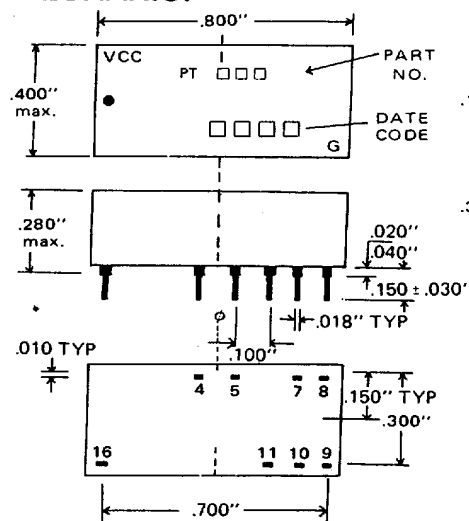
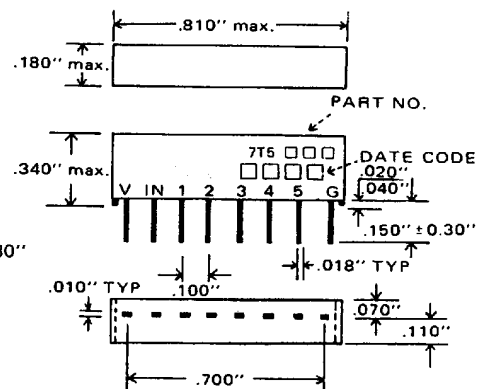
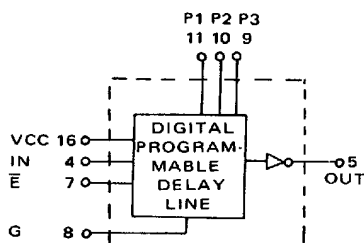
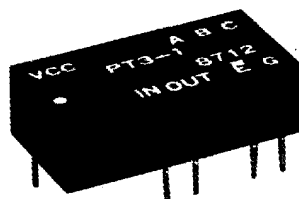


**ALLEN
AVIONICS,
INC.**
PT DIL PROGRAMMABLE DELAY LINE
7T SIP 8 PIN ACTIVE DELAY LINE
SPECIFICATIONS:

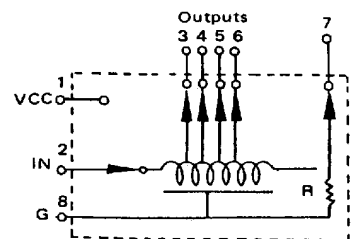
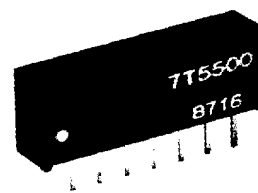
- Operating temperature range 0°C to +70°C (-55°C to +125°C on request).
- Supply voltage: 5.0 ± 0.25VDC.
- Supply Current: ICCH 30mA max. ICCL 60mA max.
- Input pulse amplitude: 3.2volts.
- Input pulse width: min 100% of total delay.
- Input pulse PPR: min 3 × pulse width.
- Input rise time: 2.0ns.
- Output rise time: 4.0ns max.

MECHANIC: PT

7T

PT


PART NO.	ZERO STEP (ns)	TOTAL (ns)	PER STEP (ns)
PT3-1	7±1	14±2	1±0.5
PT3-2		21±2	2±0.6
PT3-3		28±2	3±0.7
PT3-4		35±2	4±0.8
PT3-5		42±2.1	5±1.0
PT3-6		49±2.4	6±1.2

PART NO.	ZERO STEP (ns)	TOTAL (ns)	PER STEP (ns)
PT3-7	7±2	56±2.8	7±1.4
PT3-8		63±3.1	8±1.6
PT3-9		70±3.5	9±1.8
PT3-10		77±3.8	10±2.0
PT3-11		84±4.2	11±2.0
PT3-12		91±4.5	12±2.0

*New Four bits programmable Delay Line available

7T


Schematic Diagram for 5 Delays Output

PART NO.	TOTAL DELAY (ns)	TAP TO TAP (ns)
7T5200	20±2	4±2
7T5250	25±2	5±2
7T5300	30±2	6±2
7T5400	40±2	8±2
7T5500	50±2.5	10±2
7T5600	60±3	12±2
7T5750	75±3.7	15±2

PART NO.	TOTAL DELAY (ns)	TAP TO TAP (ns)
7T5101	100±5	20±2
7T5125	125±6.2	25±2
7T5151	150±7.5	30±2
7T5175	175±8.7	35±2
7T5201	200±10	40±2
7T5251	250±12.5	50±2.5