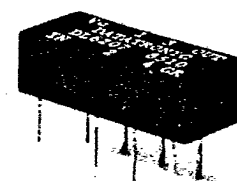


SERIES 624 5-TAPS 16 PIN HCMOS DIGITAL DELAY MODULES

- 16 Pin DIL Package • H-Cmos Logic • 5 Equally Spaced Taps

Specifications:

- Supply Voltage : 4.75 to 5.25VDC
- Logic 1 Input Voltage : 3.2v
- Logic 0 Input Voltage : 0.9v
- Logic 1 Output Voltage : 4.5v
- Logic 0 Output Voltage : 0.1v
- Input Current : 1 μ A Max
- Supply Current : ICCH = 5mA, ICCL = 20 μ A
- Fan-Out : 10 LSTTL Loads Min
- Rise-Time : 8NS TYP. (measured from 0.8v to 2.0v)
- Operating Temp Range : 0°C to 70°C
- Temp Coefficient : 300 PPM/°C



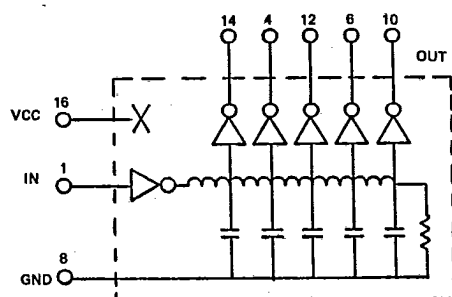
Electrical Specifications at 25°C (Measured with no Loads on Taps)

Part Number	Total Delay Nanosecond (1)	Tap To Tap Delay NSEC (1)
624-4*	4 $\pm$ 1	1 $\pm$ 0.5
624-5*	5 $\pm$ 1	1.2 $\pm$ 0.5
624-6*	6 $\pm$ 1	1.5 $\pm$ 0.5
624-8*	8 $\pm$ 2	2 $\pm$ 0.5
624-10*	10 $\pm$ 2	2.5 $\pm$ 0.5
624-12*	12 $\pm$ 2	3 $\pm$ 0.5
624-16*	16 $\pm$ 2	4 $\pm$ 0.6
624-25	25 $\pm$ 2	5 $\pm$ 0.8
624-30	30 $\pm$ 2	6 $\pm$ 1
624-35	35 $\pm$ 2	7 $\pm$ 1
624-40	40 $\pm$ 2	8 $\pm$ 1
624-45	45 $\pm$ 2.2	9 $\pm$ 1
624-50	50 $\pm$ 2.5	10 $\pm$ 2
624-60	60 $\pm$ 3	12 $\pm$ 2
624-75	75 $\pm$ 3.5	15 $\pm$ 2
624-100	100 $\pm$ 5.0	20 $\pm$ 2
624-125	125 $\pm$ 5.5	25 $\pm$ 2
624-150	150 $\pm$ 6.0	30 $\pm$ 3
624-175	175 $\pm$ 8.7	35 $\pm$ 3.5
624-200	200 $\pm$ 10	40 $\pm$ 4
624-250	250 $\pm$ 12.5	50 $\pm$ 5
624-300	300 $\pm$ 15	60 $\pm$ 6
624-350	350 $\pm$ 17.5	70 $\pm$ 7
624-400	400 $\pm$ 20	80 $\pm$ 8
624-500	500 $\pm$ 25	100 $\pm$ 10

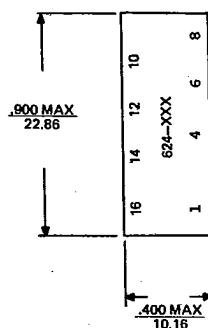
Note: (1) Measured at 1.5v level leading edge.

*Time Delay measured with respect to 1st Tap.

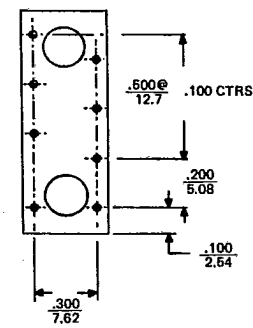
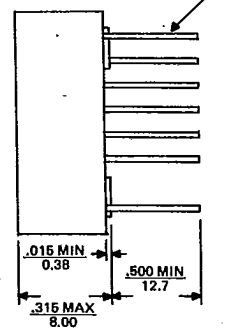
Version A profile 0.250 inch and B profile 0.210 inch are available. Please add A or B to above part number if lower profile is required. (i.e. DL624-4A)



SCHEMATIC



#24 AWG SOLDERABLE LEADS (8)



INCHES .XXX $\pm$.010
MILLIMETERS .XX $\pm$.25