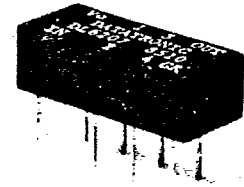


**SERIES DL6200 DIGITAL DELAY MODULES**

- 16 Pin Package • TTL and DTL Compatible • 5 Equally Spaced Taps

**Specifications**

- Supply Voltage : 4.75 to 5.25VDC
- Logic 1 Input Current : 50µA Max
- Logic 0 Input Current : -2mA Max
- Logic 1 Volt Out : 2.5v Min
- Logic 0 Volt Out : 0.5v Max
- Logic 1 Fan-Out : 20/Tap Max
- Logic 0 Fan-Out : 10/Tap Max
- Power Dissipation : 240mW Total
- Operating Temp Range : 0°C to 70°C
- Temp Coefficient : 100PPM/°C



**Input Test Conditions**

- Input Pulse Voltage : 3.2v
- Input Rise Time : ≤ 3NS
- Input Current : 60mA Typ.
- Pulse Width : Min 40% of Total Delay

Electrical Specifications at 25°C (measured with no loads on Taps)

Part Number	Total Delay NS ± 5%	Tap to Tap Delay NS <sup>(1)</sup>	Rise Time NS Max <sup>(2)</sup>
DL6205	25	5	3
DL6206	50	10	3
DL6529	75	15	3
DL6207	100	20	3
DL6208	150	30	3
DL6209	200	40	3
DL6210	250	50	4
DL6211	300	60	4
DL6212	400	80	4
DL6213	500	100	4

Note: (1) Measured at 1.5v level leading edge, Tol. ±5% or ±2NS, whichever is greater.  
 (2) Measured from 0.75v to 2.4v.

