

SERIES DL6900 METAL CASE DIGITAL DELAY MODULES

T-47-13

- 14 Pin Low Profile Configuration • Hermati Seal, Metal Case Package
- TTL and DTL Compatible

Specifications:

- Supply Voltage : 4.75 to 5.25VDC
- Logic 1 Input Current : 50 μ A 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
- Temperature Coefficient : 100PPM/°C

Input Test Conditions:

- Input Pulse Voltage : 3.2v
- Input Rise Time : ≤ 3 NS
- 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 NSEC $\pm 5\%$	Tap to Tap Delay NS ⁽¹⁾	Rise Time NS Max ⁽²⁾
DL6901	25	5	3
DL6902	30	6	3
DL6903	35	7	3
DL6904	40	8	3
DL6905	45	9	3
DL6906	50	10	3
DL6907	75	15	3
DL6908	100	20	4
DL6909	125	25	4
DL6910	150	30	4
DL6911	200	40	4
DL6912	250	50	4
DL6913	300	60	4

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

