DL747 and DL750 Seven Segment Displays

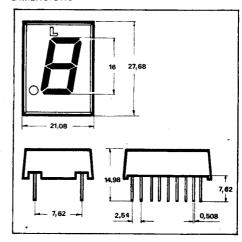
FEATURES

Large character height (0.6")
High light output
Low cost, light pipe construction
I.C. power supply compatible
Dual in line package

MAXIMUM RATINGS

Power dissipation at T _A =25°C	960mW		
Continuous Forward current. Total Per segment or decimal	240 mA 30 mA		
Peak inverse voltage per segment or decimal	6.0V		
Operating temperature range	20°C to 100°C		

DIMENSIONS



REFERENCE TABLE

Device	Polarity	Stock No.	
DL747	Common Anode	34606X	
DL750	Common Cathode	34882D	

OPTO-ELECTRONIC CHARACTERISTICS @ TA=25°C

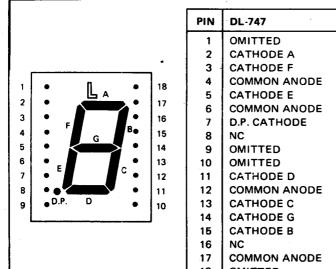
Parameter	Min.	Тур.	Max.	Unit	Test Condition
Luminous Intensity	2.0	5.0		mcd	I _F =20mA
Emission Peak Wavelength		650		nm	
Spectral Line Half-width		40		nm	
Forward Voltage (Segment) (Decimal)		3.4 1.6	4.0 2.0	V	I _F =20mA I _F =20mA
Dynamic Resistance (Segment) (Decimal)		11.0 5.5		Ω	I _F =20mA I _F =20mA
Reverse Leakage (Segment) (Decimal)			100 100	μ Α μ Α	V _R =6.0 V V _R =3.0 V
Capacitance (Segment) (Decimal)		50 115		pF pF	V _R =0 V V _R =0 V

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Semiconductors

7 Segment Displays

CONNECTION DIAGRAM



PIN	DL-747	DL-750
1	OMITTED	NC
2	CATHODE A	ANODE A
3 -	CATHODE F	ANODE F
4	COMMON ANODE	COMMON CATHODE
5	CATHODE E	ANODE E
6	COMMON ANODE	COMMON CATHODE
7	D.P. CATHODE	D.P. ANODE
8	NC	NC /
9	OMITTED	NC
10	OMITTED	NC
11	CATHODE D	ANODE D
12	COMMON ANODE	COMMON CATHODE
13	CATHODE C	ANODE C
14	CATHODE G	ANODE G
15	CATHODE B	ANODE B
16	NC	NC
17	COMMON ANODE	COMMON CATHODE
18	OMITTED	NC

TYPICAL DRIVE CIRCUITRY

