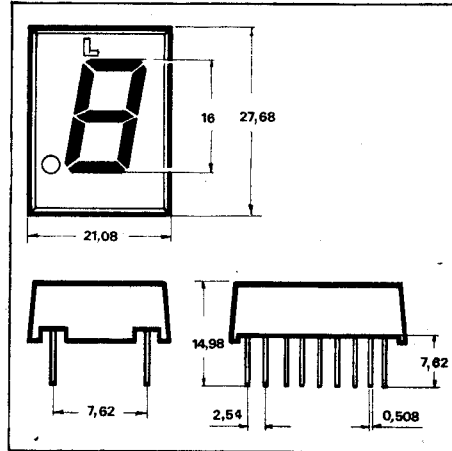


DL747 and DL750
Seven Segment Displays
FEATURES

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 $T_A = 25^\circ\text{C}$	960mW
Continuous Forward current. Total	240 mA
Per segment or decimal	30 mA
Peak inverse voltage per segment or decimal	6.0V
Operating temperature range	-20°C to 100°C

DIMENSIONS

REFERENCE TABLE

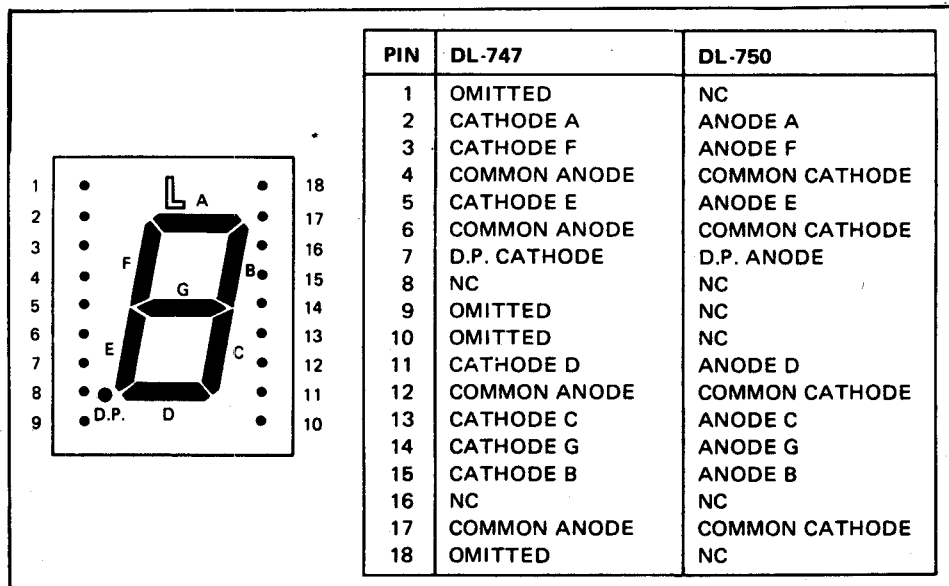
Device	Polarity	Stock No.
DL747	Common Anode	34606X
DL750	Common Cathode	34882D

OPTO-ELECTRONIC CHARACTERISTICS @ $T_A = 25^\circ\text{C}$

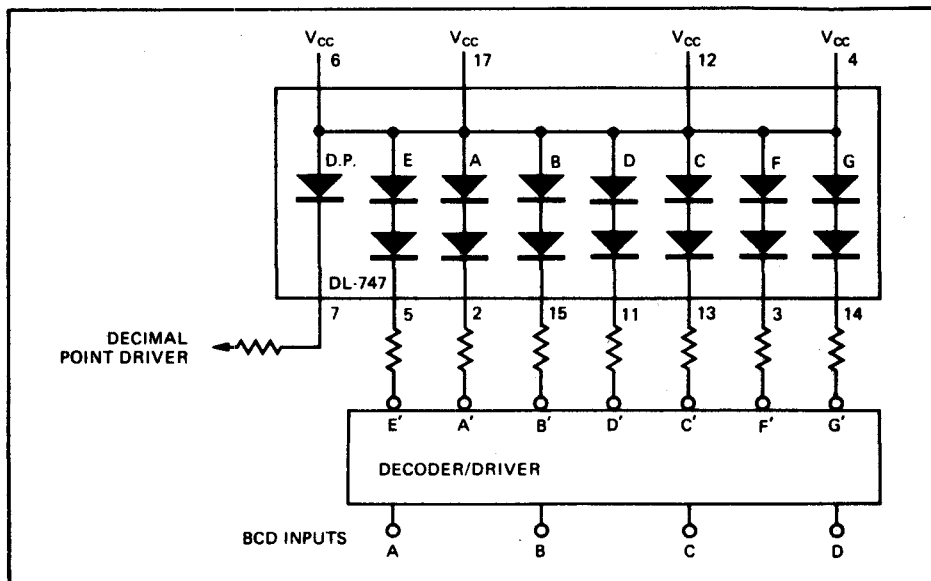
Parameter	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	2.0	5.0		mcd	$I_F = 20\text{mA}$
Emission Peak Wavelength		650		nm	
Spectral Line Half-width		40		nm	
Forward Voltage (Segment)		3.4	4.0	V	$I_F = 20\text{mA}$
(Decimal)		1.6	2.0	V	$I_F = 20\text{mA}$
Dynamic Resistance (Segment)		11.0		Ω	$I_F = 20\text{mA}$
(Decimal)		5.5		Ω	$I_F = 20\text{mA}$
Reverse Leakage (Segment)			100	μA	$V_R = 6.0\text{V}$
(Decimal)			100	μA	$V_R = 3.0\text{V}$
Capacitance (Segment)		50		pF	$V_R = 0\text{V}$
(Decimal)		115		pF	$V_R = 0\text{V}$

Continued on next page

CONNECTION DIAGRAM



TYPICAL DRIVE CIRCUITRY



MANUFACTURER'S CURRENT LIST PRICES ARE ALWAYS CHARGED