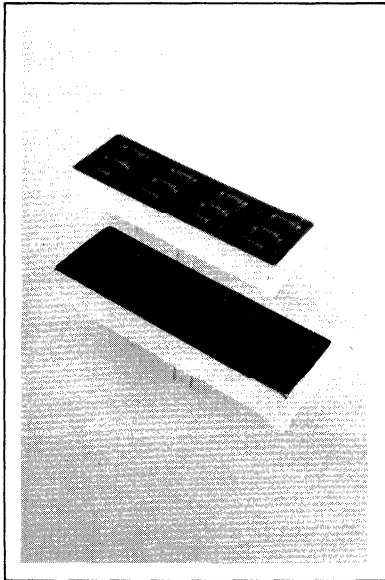


DL-4770
RED
DLO-4770
HIGH EFFICIENCY RED
7-SEGMENT 4-DIGIT DISPLAY



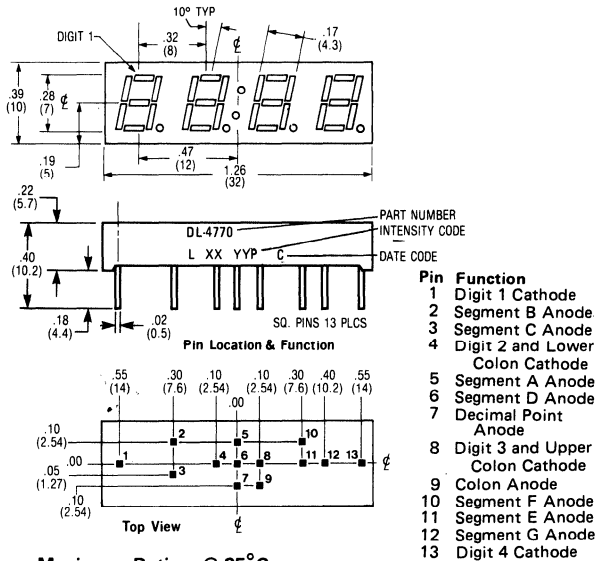
FEATURES

- 0.28 Inch (7 mm) Digit Height
- Rugged Encapsulated Package
- Filled Reflector Construction
- End Stackable Module
- Intensity Coded for Display Uniformity
- Right Hand Decimal
- Colon Included for Clock Applications

DESCRIPTION

The DL-DLO-4770 is a 0.28 inch (7 mm) four-digit display in a 0.39 x 1.26 inch (10 mm x 32 mm) package. The units are end stackable and offer a colon for time-keeping and other operations. The DL/DLO-4770 is designed to serve a wide variety of industrial and consumer applications requiring medium-sized digits in a very small package.

Package Dimensions In Inches (mm)



Maximum Ratings @ 25°C

Power Dissipation (package)	820 mW
Derate Linearly from 25°C	-13.7 mW/°C
Storage Temperature	-20°C to +85°C
Operating Temperature	-20°C to +85°C
Continuous Forward Current	
DL-4770 (per segment)	30 mA
DL-4770 (all segments lit)	12 mA/seg
DLO-4770 (per segment)	25 mA
DLO-4770 (all segments lit)	10 mA/seg
Peak Inverse Voltage	
DL-4770	3 V
DLO-4770	3 V

Opto-Electronic Characteristics Per Segment (@ 25°C)

Parameter	Min	Typ	Max	Unit	Condition
Luminous Intensity/Segment (Digit Average)					
DL	.08	.18		mcd	I _F = 10 mA
DLO	.25	.40		mcd	I _F = 10 mA
Forward Voltage					
DL			2.0	V	I _F = 20 mA
DLO			2.8	V	I _F = 20 mA
Reverse Current					
DL			100	µA	V _R = 3 V
DLO			100	µA	V _R = 3 V
Peak Emission Wavelength					
DL		660		nm	
DLO		630		nm	

Specifications subject to change without notice.