

LUMEX *digi-lites*

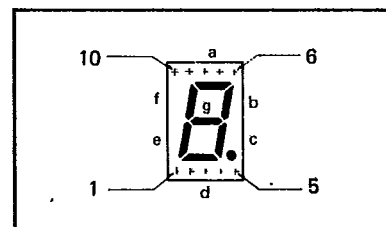
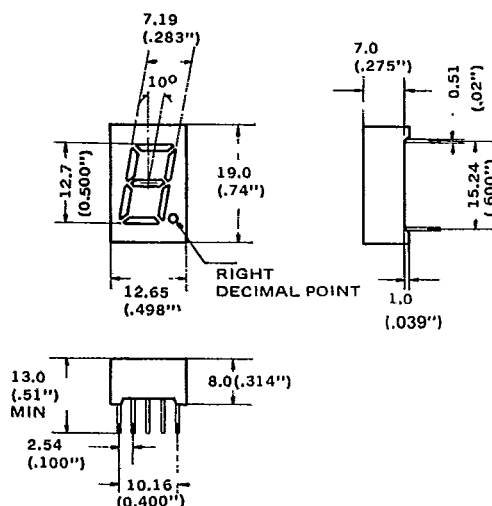
NUMERIC DISPLAYS SINGLE DIGIT SERIES

0.5"

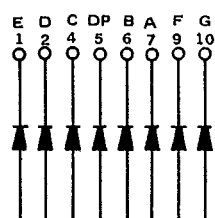
LDS-50X

| Line Item | Lumex Part Number | | Colors | | Ta=25°C Absolute Maximum Ratings | | | | | Ta=25°C Electrical-Optical Characteristics | | | | | |
|-----------|-------------------|--------------|------------|---------|-------------------------------------|----|-----|-----|------------|---|---------|---------|---------|---------|-----|
| | | | | | VR | IF | IFP | PD | TOPR | IF | VF typ. | VF max. | IV typ. | IR max. | IP |
| | Com. Anode | Com. Cathode | Font | Segment | V | mA | mA | mw | °C | mA | V | V | μCd | μA | nm |
| 1 | LDS-A501RI | LDS-C501RI | Red | | 5 | 25 | 55 | 400 | -25 ~ +80° | 20 | 1.7 | 2.0 | 400 | 100 | 655 |
| | | | Gray | White | | | | | | | | | | | |
| 2 | LDS-A502RI | LDS-C502RI | Green | | 5 | 20 | 50 | 416 | -25 ~ +80° | 10 | 2.2 | 2.6 | 1400 | 100 | 568 |
| | | | Gray | White | | | | | | | | | | | |
| 3 | LDS-A503RI | LDS-C503RI | Yellow | | 5 | 20 | 50 | 416 | -25 ~ +80° | 10 | 2.1 | 2.6 | 1200 | 100 | 585 |
| | | | Gray | White | | | | | | | | | | | |
| 4 | LDS-A504RI | LDS-C504RI | Orange/Red | | 5 | 20 | 50 | 416 | -25 ~ +80° | 10 | 2.1 | 2.6 | 1400 | 100 | 635 |
| | | | Gray | White | | | | | | | | | | | |
| 5 | LDS-A505RI | LDS-C505RI | Hi-Red | | 5 | 20 | 50 | 416 | -25 ~ +80° | 10 | 2.1 | 2.6 | 600 | 100 | 700 |
| | | | Gray | White | | | | | | | | | | | |
| 6 | LDS-A506RI | LDS-C506RI | Super-Red | | 5 | 25 | 55 | 400 | -25 ~ +80° | 20 | 1.8 | 2.1 | 2800 | 100 | 660 |
| | | | Gray | White | | | | | | | | | | | |

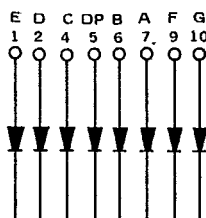
PACKAGE DIMENSIONS & PIN FUNCTIONS



- NOTE:
1. ALL DIMENSIONS ARE IN MILLIMETERS AND INCHES TOLERANCE IS 0.25(0.01") UNLESS OTHERWISE IS SPECIFIED.
 2. IV TESTED CONDITION IF=10mA AND THE LISTED IV IS THE AVERAGE INTENSITY FOR EVERY SEGMENT LISTED.



Common Anode



Common Cathode

Mouser Electronics

Authorized Distributor

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[LDS-A505RI](#)