

# 4.0" Bi-Color Single Digit Display

## FEATURES

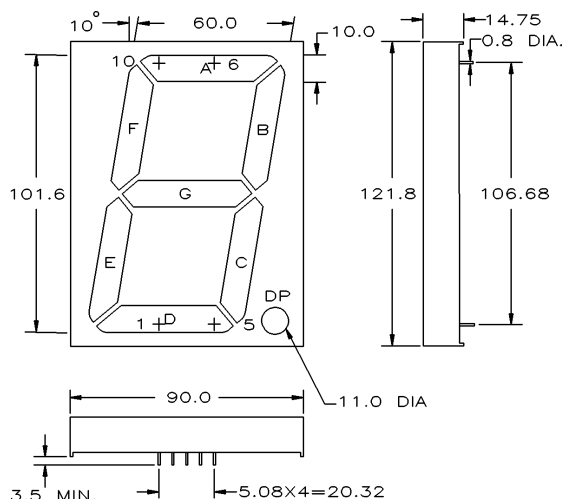
- 4.0" digit height
- Low current requirement
- High Light output
- Reliable and Rugged

## OPTO-ELECTRICAL CHARACTERISTICS (Ta = 25°C)

| PART NO.     | EMITTED COLOR |      | PEAK WAVE LENGTH (nm) |     | MAXIMUM RATINGS |        |         | OPTO-ELECTRICAL CHARACTERISTICS |      |     |          |      |     |        |     |               |               |     |              |              |     |   |  | PIN-OUT |
|--------------|---------------|------|-----------------------|-----|-----------------|--------|---------|---------------------------------|------|-----|----------|------|-----|--------|-----|---------------|---------------|-----|--------------|--------------|-----|---|--|---------|
|              |               |      |                       |     |                 |        |         | VF(V) Segment                   |      |     | VF(V) DP |      |     | IR(μA) |     | IV(mcd)       |               |     |              |              |     |   |  |         |
|              |               |      |                       |     | IF (mA)         | VR (V) | PD (mW) | typ.                            | max. | @mA | typ.     | max. | @mA | max.   | @VR | typ. per seg. | typ. per seg. | @mA | typ. per dp. | typ. per dp. | @mA |   |  |         |
| MTN6141-AHRG | GRN           | ORNG | 567                   | 635 | 30              | 5      | 85      | 8.4                             | 12   | 40  | 4.2      | 6.0  | 20  | 100    | 5   | 8.6           | 9.8           | 20  | 8.6          | 9.8          | 10  | 1 |  |         |
| MTN6141-CHRG | GRN           | ORNG | 567                   | 635 | 30              | 5      | 85      | 8.4                             | 12   | 40  | 4.2      | 6.0  | 20  | 100    | 5   | 8.6           | 9.8           | 20  | 8.6          | 9.8          | 10  | 2 |  |         |
| MTN6141-ARG  | GRN           | RED  | 567                   | 700 | 30              | 5      | 85      | 8.4                             | 12   | 40  | 4.2      | 6.0  | 20  | 100    | 5   | 8.6           | 2.3           | 20  | 8.6          | 2.3          | 10  | 1 |  |         |
| MTN6141-CRG  | GRN           | RED  | 567                   | 700 | 30              | 5      | 85      | 8.4                             | 12   | 40  | 4.2      | 6.0  | 20  | 100    | 5   | 8.6           | 2.3           | 20  | 8.6          | 2.3          | 10  | 2 |  |         |

Operating Temperature: -25~+85, Storage Temperature: -25~+100.

## PACKAGE DIMENSIONS AND PIN FUNCTIONS



### PINOUT 1

COMMON ANODE

PIN NO. FUNCTION

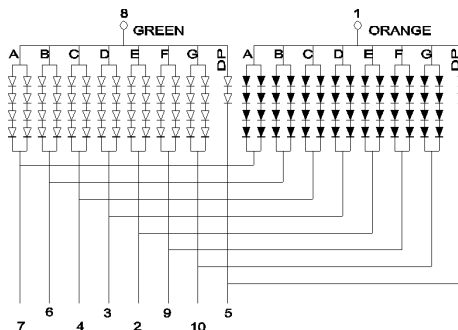
1. COMMON ANODE (HR)
2. CATHODE E
3. CATHODE D
4. CATHODE C
5. CATHODE DP
6. CATHODE B
7. CATHODE A
8. COMMON ANODE (G)
9. CATHODE F
10. CATHODE G

### PINOUT 2

COMMON CATHODE

PIN NO. FUNCTION

1. COMMON CATHODE (HR)
2. ANODE E
3. ANODE D
4. ANODE C
5. ANODE DP
6. ANODE B
7. ANODE A
8. COMMON CATHODE (G)
9. ANODE F
10. ANODE G



1. ALL DIMENSIONS ARE IN mm, TOLERANCE IS  $\pm 0.25$ mm UNLESS OTHERWISE SPECIFIED.
2. THE SLOPE ANGLE OF ANY PIN MAY BE  $\pm 5.0^\circ$  MAX.



120 Broadway • Menands, New York 12204  
Toll Free: (800) 98-4LEDs • Fax: (518) 432-7454

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All specifications subject to change.

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