

# 2.3" Single Digit Display

## FEATURES

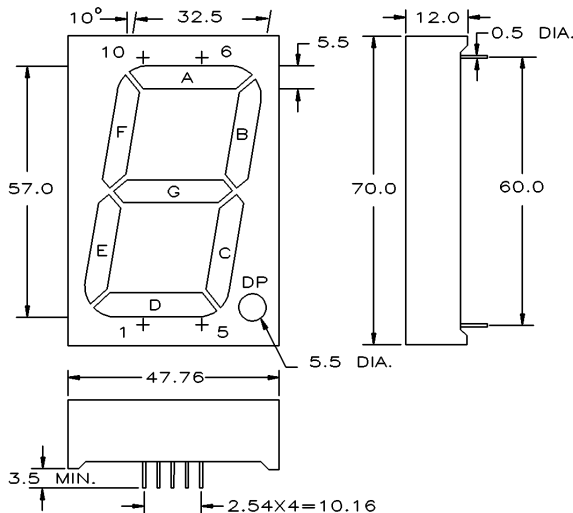
- 2.3" digit height
- Right hand decimal point
- Additional colors/materials available

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

| PART NO.     | PEAK WAVE LENGTH (nm) | EMITTED COLOR | FACE COLORS   |             | MAXIMUM RATINGS |        |         | OPTO-ELECTRICAL CHARACTERISTICS |         |     |        |     |               |     | PIN-OUT |
|--------------|-----------------------|---------------|---------------|-------------|-----------------|--------|---------|---------------------------------|---------|-----|--------|-----|---------------|-----|---------|
|              |                       |               | SURFACE COLOR | EPOXY COLOR | IF (mA)         | VR (V) | PD (mW) | VF(V)                           |         |     | IR(μA) |     | IV(μcd)       |     |         |
|              |                       |               |               |             |                 |        |         | Seg.-typ.                       | DP typ. | @mA | max.   | @VR | typ. per seg. | @mA |         |
| MTN2123-AG   | 567                   | Green         | Grey          | White       | 30              | 5      | 85      | 8.4                             | 4.2     | 20  | 100    | 5   | 6800          | 10  | 1       |
| MTN4123-AO   | 635                   | Orange        | Grey          | White       | 30              | 5      | 85      | 8.4                             | 4.2     | 20  | 100    | 5   | 7800          | 10  | 1       |
| MTN4123-AHR  | 635                   | Hi-Eff Red    | Red           | Red         | 30              | 5      | 85      | 8.4                             | 4.2     | 20  | 100    | 5   | 7800          | 10  | 1       |
| MTN7123M-41A | 660                   | Ultra Red     | Black         | Red         | 30              | 4      | 70      | 6.8                             | 3.4     | 20  | 100    | 4   | 41200         | 20  | 1       |
| MTN2123-CG   | 567                   | Green         | Grey          | White       | 30              | 5      | 85      | 8.4                             | 4.2     | 20  | 100    | 5   | 6800          | 10  | 2       |
| MTN4123-CO   | 635                   | Orange        | Grey          | White       | 30              | 5      | 85      | 8.4                             | 4.2     | 20  | 100    | 5   | 7800          | 10  | 2       |
| MTN4123-CHR  | 635                   | Hi-Eff Red    | Red           | Red         | 30              | 5      | 85      | 8.4                             | 4.2     | 20  | 100    | 5   | 7800          | 10  | 2       |
| MTN7123M-41C | 660                   | Ultra Red     | Black         | Red         | 30              | 4      | 70      | 6.8                             | 3.4     | 20  | 100    | 4   | 41200         | 20  | 2       |

Operating Temperature: -25~+85, Storage Temperature: -25~+100. Other face/epoxy colors are available.

## PACKAGE DIMENSIONS AND PIN FUNCTIONS



### PINOUT 1

COMMON ANODE

PIN NO. FUNCTION

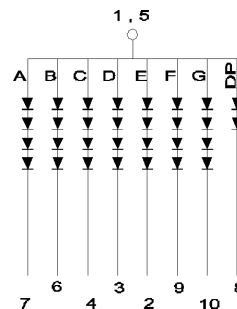
1. COMMON ANODE
2. CATHODE E
3. CATHODE D
4. CATHODE C
5. COMMON ANODE
6. CATHODE B
7. CATHODE A
8. CATHODE DP
9. CATHODE F
10. CATHODE G

### PINOUT 2

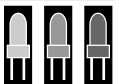
COMMON CATHODE

PIN NO. FUNCTION

1. COMMON CATHODE
2. ANODE E
3. ANODE D
4. ANODE C
5. COMMON CATHODE
6. ANODE B
7. ANODE A
8. ANODE DP
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.



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All specifications subject to change.