

# 0.56" Single Digit Display

## FEATURES

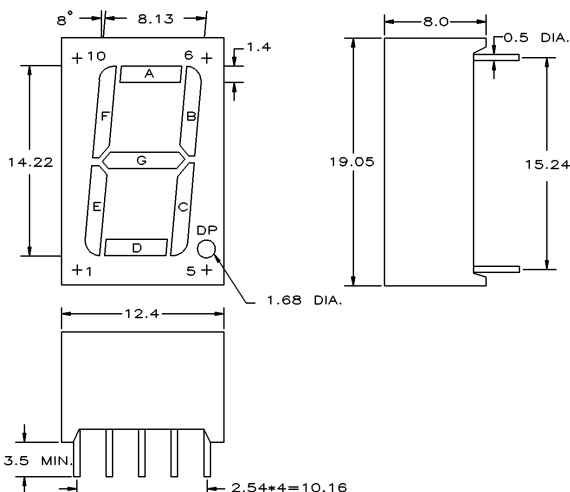
- 0.56" digit height
- Right hand decimal point
- Additional colors/materials available

## 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)       |     |   |         |
|              |                       |               |               |             |                 |        |         | typ.                            | max. | @mA | max.   | @VR | typ. per seg. | @mA |   |         |
| MTN2156-AG   | 567                   | Green         | Grey          | White       | 30              | 5      | 85      | 2.1                             | 3.0  | 20  | 100    | 5   | 2900          | 10  | 1 |         |
| MTN4156-AO   | 635                   | Orange        | Grey          | White       | 30              | 5      | 85      | 2.1                             | 3.0  | 20  | 100    | 5   | 3300          | 10  | 1 |         |
| MTN4156-AHR  | 635                   | Hi-Eff Red    | Red           | Red         | 30              | 5      | 85      | 2.1                             | 3.0  | 20  | 100    | 5   | 3300          | 10  | 1 |         |
| MTN7156M-11A | 660                   | Ultra Red     | Black         | White       | 30              | 4      | 70      | 1.7                             | 2.2  | 20  | 100    | 4   | 17300         | 20  | 1 |         |
| MTN2156-CG   | 567                   | Green         | Grey          | White       | 30              | 5      | 85      | 2.1                             | 3.0  | 20  | 100    | 5   | 2900          | 10  | 2 |         |
| MTN4156-CO   | 635                   | Orange        | Grey          | White       | 30              | 5      | 85      | 2.1                             | 3.0  | 20  | 100    | 5   | 3300          | 10  | 2 |         |
| MTN4156-CHR  | 635                   | Hi-Eff Red    | Red           | Red         | 30              | 5      | 85      | 2.1                             | 3.0  | 20  | 100    | 5   | 3300          | 10  | 2 |         |
| MTN7156M-11C | 660                   | Ultra Red     | Black         | White       | 30              | 4      | 70      | 1.7                             | 2.2  | 20  | 100    | 4   | 17300         | 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. CATHODE E
2. CATHODE D
3. COMMON ANODE
4. CATHODE C
5. CATHODE DP
6. CATHODE B
7. CATHODE A
8. COMMON ANODE
9. CATHODE F
10. CATHODE G

### PINOUT 2

COMMON CATHODE

PIN NO. FUNCTION

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