

# 0.56" Dual Digit Display

## FEATURES

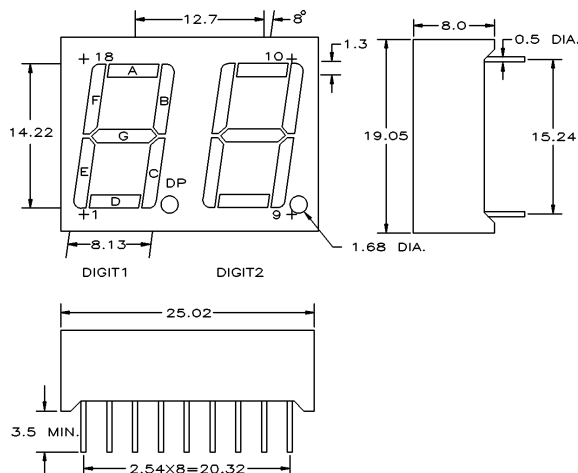
- 0.56" digit height
- Right hand decimal point
- Direct drive (also available in duplex drive)
- Additional colors/materials available

## OPTO-ELECTRICAL CHARACTERISTICS (T<sub>a</sub> = 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 |   |         |
| MTN2256-AG   | 567                   | Green         | Grey          | White       | 30              | 5      | 85      | 2.1                             | 3.0  | 20  | 100    | 5   | 2900          | 10  | 1 |         |
| MTN4256-AO   | 635                   | Orange        | Grey          | White       | 30              | 5      | 85      | 2.1                             | 3.0  | 20  | 100    | 5   | 3300          | 10  | 1 |         |
| MTN4256-AHR  | 635                   | Hi-Eff Red    | Red           | Red         | 30              | 5      | 85      | 2.1                             | 3.0  | 20  | 100    | 5   | 3300          | 10  | 1 |         |
| MTN7256M-AUR | 660                   | Ultra Red     | Black         | White       | 30              | 4      | 70      | 1.7                             | 2.2  | 20  | 100    | 4   | 17300         | 20  | 1 |         |
| MTN2256-CG   | 567                   | Green         | Grey          | White       | 30              | 5      | 85      | 2.1                             | 3.0  | 20  | 100    | 5   | 2900          | 10  | 2 |         |
| MTN4256-CO   | 635                   | Orange        | Grey          | White       | 30              | 5      | 85      | 2.1                             | 3.0  | 20  | 100    | 5   | 3300          | 10  | 2 |         |
| MTN4256-CHR  | 635                   | Hi-Eff Red    | Red           | Red         | 30              | 5      | 85      | 2.1                             | 3.0  | 20  | 100    | 5   | 3300          | 10  | 2 |         |
| MTN7256M-CUR | 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 (D1)
2. CATHODE D (D1)
3. CATHODE C (D1)
4. CATHODE DP (D1)
5. CATHODE E (D2)
6. CATHODE D (D2)
7. CATHODE G (D2)
8. CATHODE C (D2)
9. CATHODE DP (D2)
10. CATHODE B (D2)
11. CATHODE A (D2)
12. CATHODE F (D2)
13. D2 COMMON ANODE
14. D1 COMMON ANODE
15. CATHODE B (D1)
16. CATHODE A (D1)
17. CATHODE G (D1)
18. CATHODE F (D1)

### PINOUT 2

COMMON CATHODE

PIN NO. FUNCTION

1. ANODE E (D1)
2. ANODE D (D1)
3. ANODE C (D1)
4. ANODE DP (D1)
5. ANODE E (D2)
6. ANODE D (D2)
7. ANODE G (D2)
8. ANODE C (D2)
9. ANODE DP (D2)
10. ANODE B (D2)
11. ANODE A (D2)
12. ANODE F (D2)
13. D2 COMMON CATHODE
14. D1 COMMON CATHODE
15. ANODE B (D1)
16. ANODE A (D1)
17. ANODE G (D1)
18. ANODE F (D1)

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.

**\* Also Available in Duplex Drive**



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For up-to-date product info visit our web site at [www.marktechopto.com](http://www.marktechopto.com)

All specifications subject to change.