

# 0.3" Single Digit Display

## FEATURES

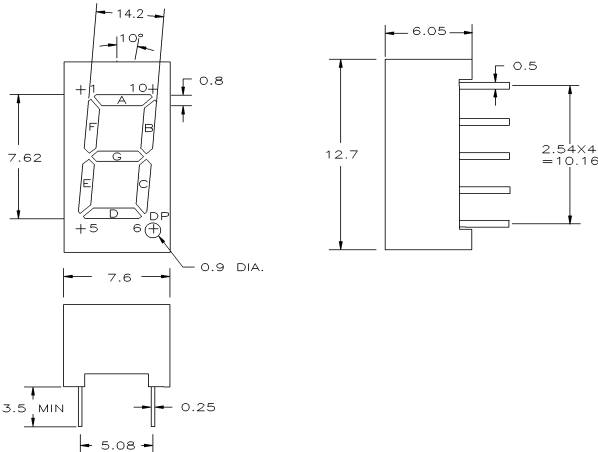
- Low Current Requirements
- Excellent Character Appearance
- High Light Output
- Additional colors/materials available

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

| Part Number    | Peak Wavelength @20mA(nm) | Emitting Color | Face Color |             | Maximum Ratings |        |         | Optoelectrical Characteristics |     |     |        |     |                         |       | Pin Out |     |
|----------------|---------------------------|----------------|------------|-------------|-----------------|--------|---------|--------------------------------|-----|-----|--------|-----|-------------------------|-------|---------|-----|
|                |                           |                | Surface    | Epoxy Color | IF (mA)         | VR (V) | PD (mW) | Forward Voltage(V)             |     |     | IR(μA) |     | Luminous Intensity(μcd) |       |         |     |
|                |                           |                |            |             |                 |        |         | Typ.                           | Max | @mA | Max    | @VR | Min.                    | Typ.  |         | @mA |
| MTN2130-13A    | 567                       | Green          | Grey       | White       | 30              | 4      | 85      | 2.1                            | 3.0 | 20  | 100    | 5   | 3100                    | 5200  | 20      | 1   |
| MTN2130-13C    | 567                       | Green          | Grey       | White       | 30              | 4      | 85      | 2.1                            | 3.0 | 20  | 100    | 5   | 3100                    | 5200  | 20      | 2   |
| MTN4130-13A    | 635                       | Orange         | Grey       | White       | 30              | 4      | 85      | 2.1                            | 3.0 | 20  | 100    | 5   | 3500                    | 5900  | 20      | 1   |
| MTN4130-13C    | 635                       | Orange         | Grey       | White       | 30              | 4      | 85      | 2.1                            | 3.0 | 20  | 100    | 5   | 3500                    | 5900  | 20      | 2   |
| MTN4130R-13A   | 635                       | Hi. Eff. Red   | Red        | Red         | 30              | 4      | 85      | 2.1                            | 3.0 | 20  | 100    | 5   | 3500                    | 5900  | 20      | 1   |
| MTN4130R-13C   | 635                       | Hi. Eff. Red   | Red        | Red         | 30              | 4      | 85      | 2.1                            | 3.0 | 20  | 100    | 5   | 3500                    | 5900  | 20      | 2   |
| MTN7130SM1-13A | 660                       | Red            | Black      | White       | 30              | 4      | 70      | 1.8                            | 2.2 | 20  | 100    | 4   | 8300                    | 13800 | 20      | 1   |
| MTN7130SM1-13C | 660                       | Red            | Black      | White       | 30              | 4      | 70      | 1.8                            | 2.2 | 20  | 100    | 4   | 8300                    | 13800 | 20      | 2   |

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

## PACKAGE DIMENSIONS AND PIN FUNCTIONS



### PINOUT 1

COMMON ANODE

PIN NO. FUNCTION

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

### PINOUT 2

COMMON CATHODE

PIN NO. FUNCTION

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

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.