

0.8" Bi-Color Single Digit Display

FEATURES

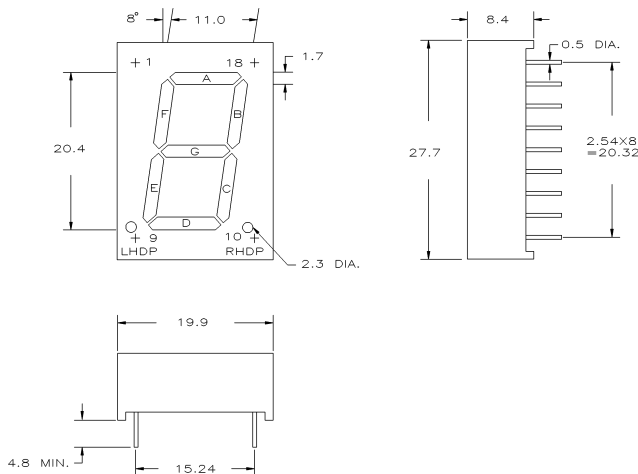
- 0.8" digit height
- Right hand decimal point
- Grey surface/white epoxy color

OPTO-ELECTRICAL CHARACTERISTICS (Ta = 25°C)

| PART NO. | EMITTED COLOR | PEAK WAVE LENGTH (nm) | MAXIMUM RATINGS | | | OPTO-ELECTRICAL CHARACTERISTICS | | | | | | | | PIN-OUT |
|--------------|---------------|-----------------------|-----------------|--------|---------|---------------------------------|------|-----|--------|-----|---------------|------|----|---------|
| | | | IF (mA) | VR (V) | PD (mW) | VF(V) | | | IR(μA) | | IV(μcd) | | | |
| | | | | | | typ. | max. | @mA | max. | @VR | typ. per seg. | @mA | | |
| MTN6180-CRG | (R) | Red | 700 | 30 | 5 | 85 | 2.1 | 3.0 | 20 | 100 | 5 | 1000 | 10 | 1 |
| | (G) | Green | 567 | 30 | 5 | 85 | 2.1 | 3.0 | 20 | 100 | 5 | 3300 | 10 | 1 |
| MTN6180-CHRG | (HR) | Hi-Eff Red | 635 | 30 | 5 | 85 | 2.1 | 3.0 | 20 | 100 | 5 | 3800 | 10 | 1 |
| | (G) | Green | 567 | 30 | 5 | 85 | 2.1 | 3.0 | 20 | 100 | 5 | 3300 | 10 | 1 |

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

PACKAGE DIMENSIONS AND PIN FUNCTIONS



PINOUT 1

| PIN NO. | FUNCTION |
|---------|------------------------|
| 1. | ANODE A (GREEN) |
| 2. | ANODE A (HR OR RED) |
| 3. | ANODE F (HR OR RED) |
| 4. | ANODE F (GREEN) |
| 5. | COMMON CATHODE |
| 6. | ANODE E (HR OR RED) |
| 7. | ANODE E (GREEN) |
| 8. | ANODE D (GREEN) |
| 9. | ANODE D (HR OR RED) |
| 10. | ANODE RHDP (GREEN) |
| 11. | ANODE RHDP (HR OR RED) |
| 12. | ANODE C (GREEN) |
| 13. | ANODE C (HR OR RED) |
| 14. | ANODE G (GREEN) |
| 15. | ANODE G (HR OR RED) |
| 16. | ANODE B (GREEN) |
| 17. | ANODE B (HR OR RED) |
| 18. | COMMON CATHODE |

1. ALL DIMENSIONS ARE IN mm, TOLERANCE IS ± 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

For up-to-date product info visit our web site at www.marktechopto.com

All specifications subject to change.