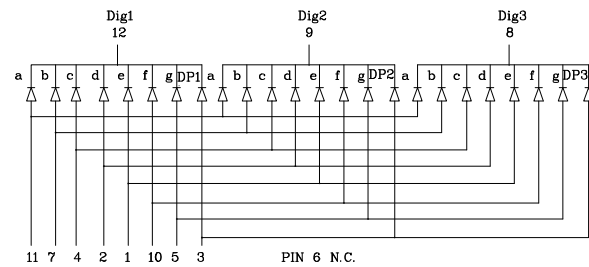
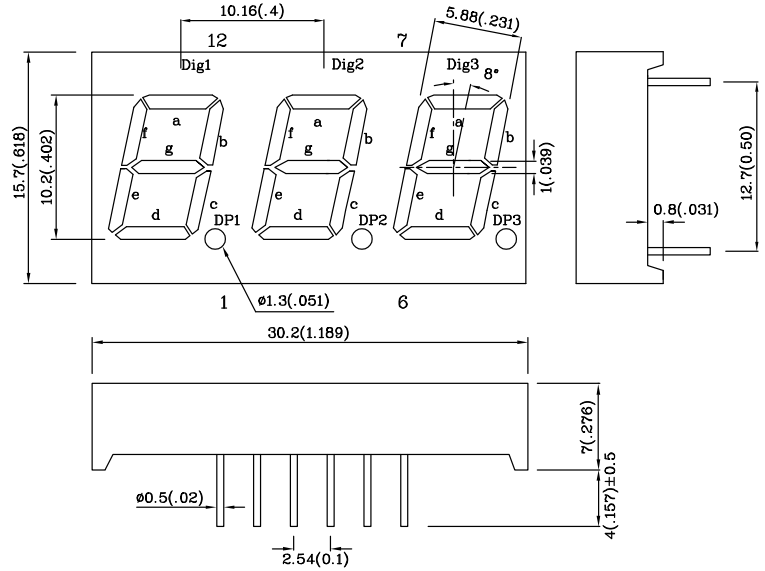


Features

- 0.4 INCH DIGIT HEIGHT.
- LOW CURRENT OPERATION.
- EXCELLENT CHARACTER APPEARANCE.
- EASY MOUNTING ON P.C. BOARDS OR SOCKETS.
- I.C. COMPATIBLE.
- MECHANICALLY RUGGED.
- STANDARD : GRAY FACE, WHITE SEGMENT.
- RoHS COMPLIANT.



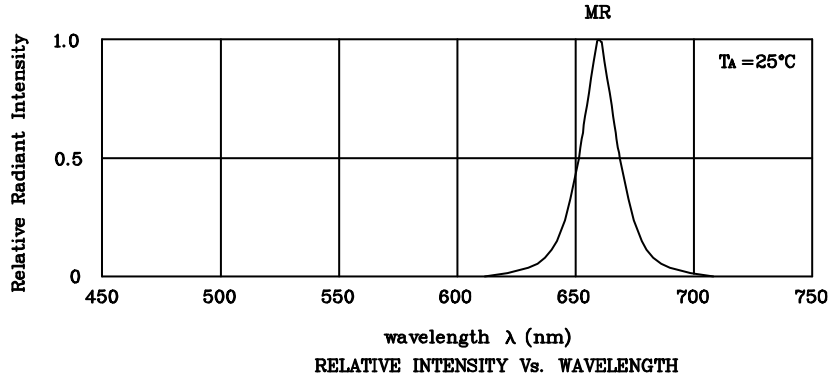
Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25(0.01)$ unless otherwise noted.

| Absolute Maximum Ratings ($T_A=25^\circ\text{C}$) | | MR (GaAlAs) | Unit |
|--|---------------------|----------------|------|
| Reverse Voltage | V_R | 5 | V |
| Forward Current | I_F | 30 | mA |
| Forward Current (Peak) 1/10 Duty Cycle 0.1ms Pulse Width | i_{FS} | 155 | mA |
| Power Dissipation | P_T | 100 | mW |
| Operating Temperature | T_A | -40 ~ +85 | °C |
| Storage Temperature | T_{stg} | -40 ~ +85 | |
| Lead Solder Temperature [2mm Below Package Base] | 260°C For 5 Seconds | | |

| Operating Characteristics ($T_A=25^\circ\text{C}$) | | MR (GaAlAs) | Unit |
|--|-----------------|----------------|---------------|
| Forward Voltage (Typ.) ($I_F=10\text{mA}$) | V_F | 1.8 | V |
| Forward Voltage (Max.) ($I_F=10\text{mA}$) | V_F | 2.5 | V |
| Reverse Current ($V_R=5\text{V}$) | I_R | 10 | μA |
| Wavelength of Peak Emission ($I_F=10\text{mA}$) | λ_P | 660 | nm |
| Wavelength of Dominant Emission ($I_F=10\text{mA}$) | λ_D | 640 | nm |
| Spectral Line Full Width At Half-Maximum ($I_F=10\text{mA}$) | $\Delta\lambda$ | 20 | nm |
| Capacitance ($V_F=0\text{V}$, $f=1\text{MHz}$) | C | 45 | pF |

| Part Number | Emitting Color | Emitting Material | Luminous Intensity ($I_F=10\text{mA}$) ucd | Wavelength nm λ_P | Description | |
|-------------|----------------|-------------------|--|---------------------------------|-------------|----------------------------------|
| | | | min. | typ. | | |
| XDMR10C3-A | Red | GaAlAs | 3000 | 13990 | 660 | Common Cathode, Rt. Hand Decimal |



❖ MR

