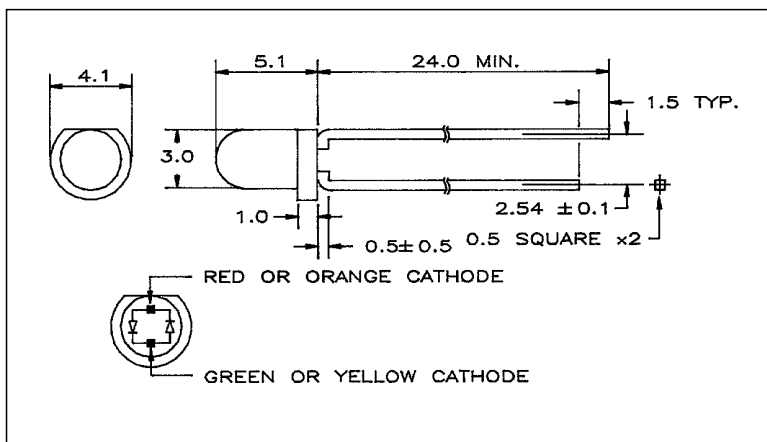


T-1 Two Leaded Tri-State LED Lamps

FEATURES

- Bi-color LED lamp
- White diffused lens
- Available in ultra bright bi-color version



MAXIMUM RATINGS (Ta = 25°C)

| PART NO. | | FORWARD CURRENT (I _F) (mA) | REVERSE VOLTAGE (V _R) (V) | POWER DISSIPATION (P _D) (mW) | OPERATING TEMPERATURE (T _{opr}) (°C) | STORAGE TEMPERATURE (T _{stg}) (°C) |
|------------|------|--|---------------------------------------|--|--|--|
| MT2030-RG | (R) | 30 | 5.0 | 85 | -25~+85 | -25~+100 |
| | (G) | 30 | 5.0 | 85 | -25~+85 | -25~+100 |
| MT2030-HRG | (HR) | 30 | 5.0 | 85 | -25~+85 | -25~+100 |
| | (G) | 30 | 5.0 | 85 | -25~+85 | -25~+100 |
| MT2030-YG | (Y) | 30 | 5.0 | 85 | -25~+85 | -25~+100 |
| | (G) | 30 | 5.0 | 85 | -25~+85 | -25~+100 |

OPTO-ELECTRICAL CHARACTERISTICS (Ta = 25°C)

| PART NO. | | MATERIAL | LENS COLOR | VIEWING ANGLE typ. | LUMIN. INT. (mcd) | | FORWARD VOLTAGE (V) | | | REVERSE CURRENT | | PEAK WAVE LENGTH |
|------------|------|-----------|------------|--------------------|-------------------|-----|---------------------|------|-----|-----------------|----|------------------|
| | | | | | typ. | @mA | typ. | max. | @mA | µA | Vr | nm |
| MT2030-RG | (R) | GaP | White Diff | 118° | 8.0 | 20 | 2.1 | 3.0 | 20 | 100 | 5 | 700 |
| | (G) | GaP | White Diff | 118° | 8.3 | 20 | 2.1 | 3.0 | 20 | 100 | 5 | 567 |
| MT2030-HRG | (HR) | GaAsP/GaP | White Diff | 118° | 9.7 | 20 | 2.1 | 3.0 | 20 | 100 | 5 | 635 |
| | (G) | GaP | White Diff | 118° | 8.3 | 20 | 2.1 | 3.0 | 20 | 100 | 5 | 567 |
| MT2030-YG | (Y) | GaAsP/GaP | White Diff | 118° | 7.0 | 20 | 2.1 | 3.0 | 20 | 100 | 5 | 585 |
| | (G) | GaP | White Diff | 118° | 8.3 | 20 | 2.1 | 3.0 | 20 | 100 | 5 | 567 |



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.