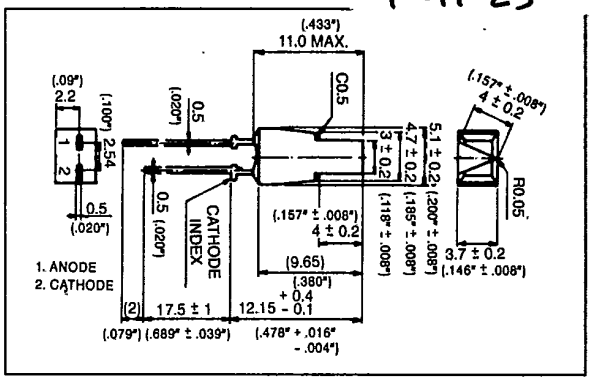
# 3x4x4mm TRIANGULAR HEAD LED LAMPS

T-41-23

## FEATURES

- Triangular type.
- Fast response time.
- Low drive current.
- High intensity light emission.




## 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) |
|---|---|---|---|---|---|
| MT2070-R | 20 | 4 | 56 | -20 ~ 75 | -30 ~ 100 |
| MT2070-G | 25 | 4 | 70 | -20 ~ 75 | -30 ~ 100 |
| MT2070-Y | 25 | 4 | 70 | -20 ~ 75 | -30 ~ 100 |

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

| PART NO. | MATERIAL | LENS COLOR | SURFACE SIZE | LUMINOUS INTENSITY (mcd) | | | FORWARD VOLTAGE (v) | | | REVERSE CURRENT | | PEAK WAVELENGTH | SPEC. LINE HALF WIDTH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | min. | typ. | @mA | typ. | max. | @ mA | μA | Vr | nm | nm |
| MT2070-R | GaP/GaP | Red/Diff | 3x4x4 | .3 | .6 | 15 | 2.1 | 2.8 | 20 | 5 | 4 | 700 | 100 |
| MT2070-G | GaP/GaP | Green/Diff | 3x4x4 | .5 | 1.3 | 15 | 2.1 | 2.8 | 20 | 5 | 4 | 565 | 25 |
| MT2070-Y | GaAsP/GaP | Yellow/Diff | 3x4x4 | .5 | 1.0 | 15 | 2.1 | 2.8 | 20 | 100 | 4 | 585 | 32 |

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