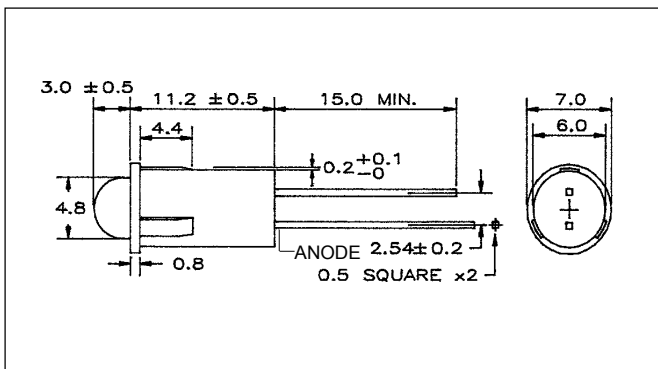


# Packaged LED/PCB Mount Indicators

## FEATURES

- T-1 $\frac{3}{4}$  LED in a bezel package
- Diffused lens
- One step PCB installation



## MAXIMUM RATINGS (Ta = 25°C)

| PART NO.    | FORWARD CURRENT (I <sub>F</sub> ) (mA) | REVERSE VOLTAGE (V <sub>R</sub> ) (V) | POWER DISSIPATION (P <sub>D</sub> ) (mW) | OPERATING TEMPERATURE (T <sub>opr</sub> ) (°C) | STORAGE TEMPERATURE (T <sub>stg</sub> ) (°C) |
|-------------|--|---------------------------------------|--|--|--|
| MT1164S3-RG | 30                                     | 5.0                                   | 85                                       | -25~+85  | -25~+100                                     |
| MT2164S3-G  | 30                                     | 5.0                                   | 85                                       | -25~+85  | -25~+100                                     |
| MT3164S3-Y  | 30                                     | 5.0                                   | 85                                       | -25~+85  | -25~+100                                     |
| MT4164S3-O  | 30                                     | 5.0                                   | 85                                       | -25~+85  | -25~+100                                     |
| MT4164S3-HR | 30                                     | 5.0                                   | 85                                       | -25~+85  | -25~+100                                     |

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

| PART NO.    | MATERIAL  | LENS COLOR  | VIEWING ANGLE typ. | LUMINOUS INTENSITY (mcd) |      |     | FORWARD VOLTAGE (V) |      |     | REVERSE CURRENT |    | PEAK WAVE LENGTH |
|-------------|-----------|-------------|--------------------|--------------------------|------|-----|---------------------|------|-----|-----------------|----|------------------|
|             |           |             |                    | min.                     | typ. | @mA | typ.                | max. | @mA | µA              | Vr | nm               |
| MT1164S3-RG | GaP       | Red Diff    | 39°                | 2.4                      | 4.1  | 20  | 2.1                 | 3.0  | 20  | 100             | 5  | 700              |
| MT2164S3-G  | GaP       | Green Diff  | 39°                | 7.2                      | 100  | 20  | 2.1                 | 3.0  | 20  | 100             | 5  | 567              |
| MT3164S3-Y  | GaAsP/GaP | Yellow Diff | 39°                | 5.8                      | 65   | 20  | 2.1                 | 3.0  | 20  | 100             | 5  | 585              |
| MT4164S3-O  | GaAsP/GaP | Orange Diff | 39°                | 8.2                      | 75   | 20  | 2.1                 | 3.0  | 20  | 100             | 5  | 635              |
| MT4164S3-HR | GaAsP/GaP | Red Diff    | 39°                | 8.2                      | 75   | 20  | 2.1                 | 3.0  | 20  | 100             | 5  | 635              |