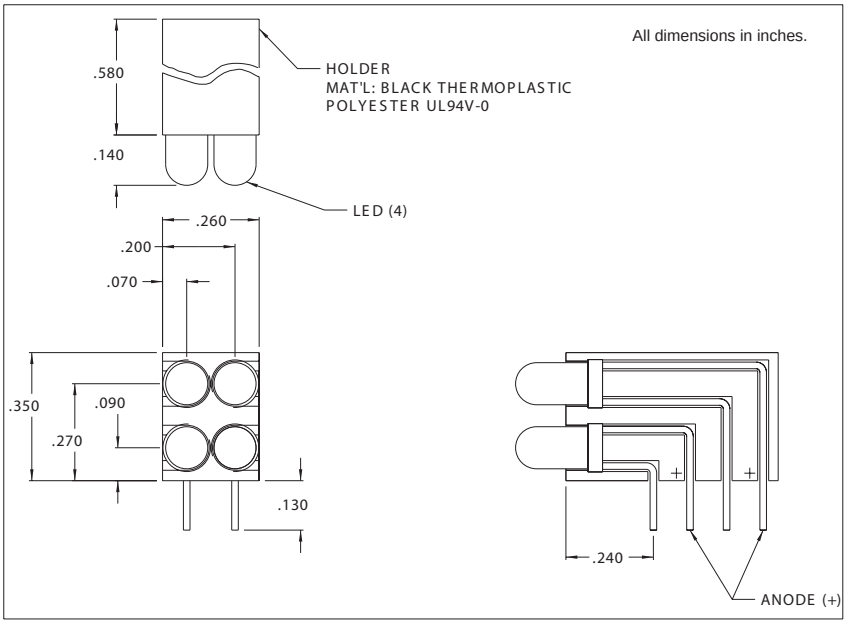
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CHICAGO MINIATURE LAMP, INC.
*WHERE INNOVATION COMES TO LIGHT*

# 5684F Series PC Board Quad Array T-1 LEDs

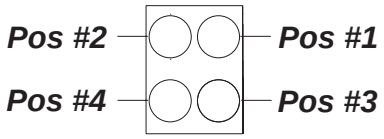
## DESCRIPTION AND FEATURES




Features:
- 4 T-1 LEDs mounted in single block
- High density - only 0.26 wide
- Black plastic mounting block for high contrast ratio.
- Meets UL 94V-O and Bellcore flammability specifications.

Available options:
- Low current, 5V and 12V built-in resistors.
- Bi-color and blue LEDs also offered.
- Call factory for ordering information.

•Mounting hole pattern on page 1-X4.




Ordering Information: Use chart below to determine model number.

| | Red | Amber | Green | Yellow |
|---|---|---|---|---|
| LED | 1 | 3 | 5 | 7 |

Model No. is as follows: 5684F $\underline{\text{Pos. 1}}$ ; $\underline{\text{Pos. 2}}$ ; $\underline{\text{Pos. 3}}$ ; $\underline{\text{Pos. 4}}$

Example: Position 1 is green, position 2 is red, position 3 is yellow, position 4 is amber. The part number is 5684F5;1;7;3.

## ELECTRO-OPTICAL CHARACTERISTICS AND RATINGS

| Part Number | Emitted Color | Rated Current (mA) | Typ. Intensity (mcd) | Continuous Forward Current Max. (mA) | Forward Voltage | | Reverse Breakdown Voltage Min.(V) | Peak Wavelength (nm) |
|---|---|---|---|---|---|---|---|---|
| | | | | | Typ. (V) | Max. (V) | | |
| 5684F1 | Red | 10 | 10 | 25 | 2.2 | 3.0 | 5.0 | 635 |
| 5684F3 | Amber | 10 | 6.5 | 25 | 2.2 | 3.0 | 5.0 | 602 |
| 5684F5 | Green | 10 | 8.5 | 25 | 2.3 | 3.0 | 5.0 | 565 |
| 5684F7 | Yellow | 10 | 10 | 25 | 2.2 | 3.0 | 5.0 | 583 |

*Chicago Miniature Lamp reserves the right to make specification revisions that enhance the design and/or performance of the product*