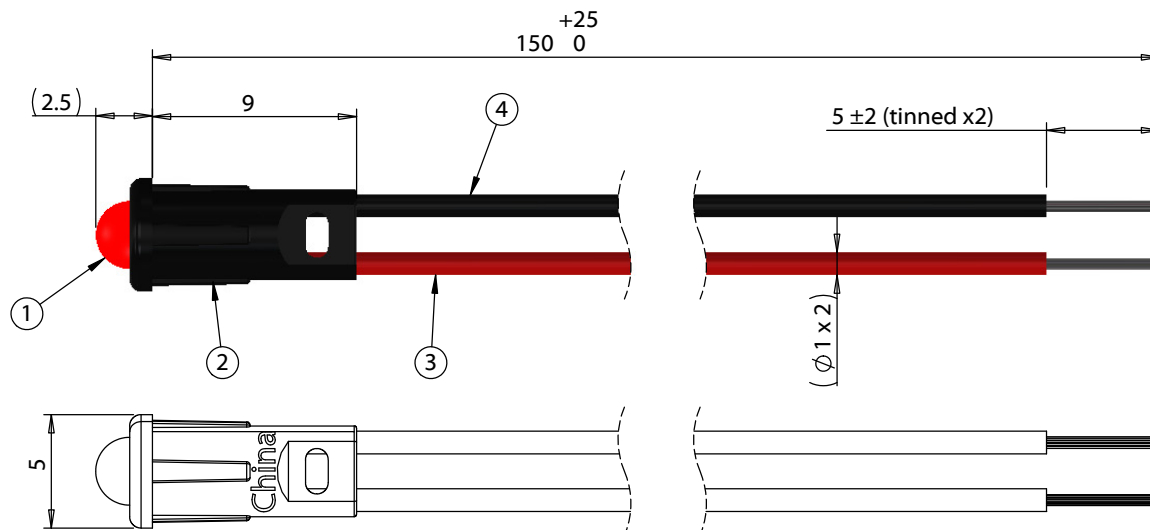
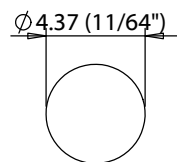


| ITEM NO. | PART NUMBER | DESCRIPTION                                                        | QTY. | COMPONENT NOTES    |
|----------|-------------|--------------------------------------------------------------------|------|--------------------|
| 1        | 57-00001    | LED, Ø3x5.1 mm, red, InGaP, 2.0 V, 40°, 600 mcd                    | 1    |                    |
| 2        | 24-00385    | Overmold, LED panel                                                | 1    | Nylon PA201, black |
| 3        | 30-01772    | Wire, hook-up, TS, 26 AWG, UL 11028, 600V, 105C, 1 mm, mPPE, red   | 1    |                    |
| 4        | 30-01773    | Wire, hook-up, TS, 26 AWG, UL 11028, 600V, 105C, 1 mm, mPPE, black | 1    |                    |

#### Installation Details

Recommended panel cutout:



#### LED Properties @ 25 °C, 20 mA (IF)

|                            | Min.      | Typ.    | Max.    |
|----------------------------|-----------|---------|---------|
| Forward voltage (VF)       | 1.8 V     | 2.0 V   | 2.4 V   |
| Reverse Current (IR)       | -         | -       | 1 µA    |
| Luminous Intensity (IV)    | 500 mcd   | 600 mcd | 700 mcd |
| Viewing angle (2θ1/2)      | -         | 40°     | -       |
| Forward current (IF)       | -         | -       | 20 mA   |
| Peak forward current (IFP) | -         | -       | 80 mA   |
| Peak wavelength (λP)       | 620       | -       | 625     |
| Operating temp             | -40~80 °C |         |         |

#### Wiring Diagram

| 57-00001 | Wire Color |
|----------|------------|
| +        | Red        |
| -        | Black      |

|           |            |                 |                                |                                                                             |                                                                                                           |
|-----------|------------|-----------------|--------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Revision: | Date:      | Description:    | Prepared:                      | Notes:                                                                      | <h1>TENSILITY</h1> <p>tel 1.541.323.3228 800 877.670.7118</p> <p>fax 1.541.323.4202 web tensility.com</p> |
| A         | 10/12/2022 | Initial release | KM                             | Packaged bulk in static-shielded bag                                        |                                                                                                           |
|           |            |                 | Verified:                      | RoHS compliant                                                              |                                                                                                           |
|           |            |                 | AG                             | Function test: no open, no short circuit, no intermittent                   |                                                                                                           |
|           |            |                 | Dimensions are in millimeters. | Description:                                                                |                                                                                                           |
|           |            |                 | Tolerances:                    | Cable, 150 mm, red LED 57-00001 to 5 mm tinned, panel mount, 26 AWG UL11028 | <div>Size: A</div> <div>Part number: 12-00001</div>                                                       |
|           |            |                 | X: ± 0.5 mm                    |                                                                             | Scale: 3:1                                                                                                |
|           |            |                 | X.X: ± 0.3 mm                  |                                                                             |                                                                                                           |
|           |            |                 | X.XX: ± 0.05 mm                |                                                                             |                                                                                                           |

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