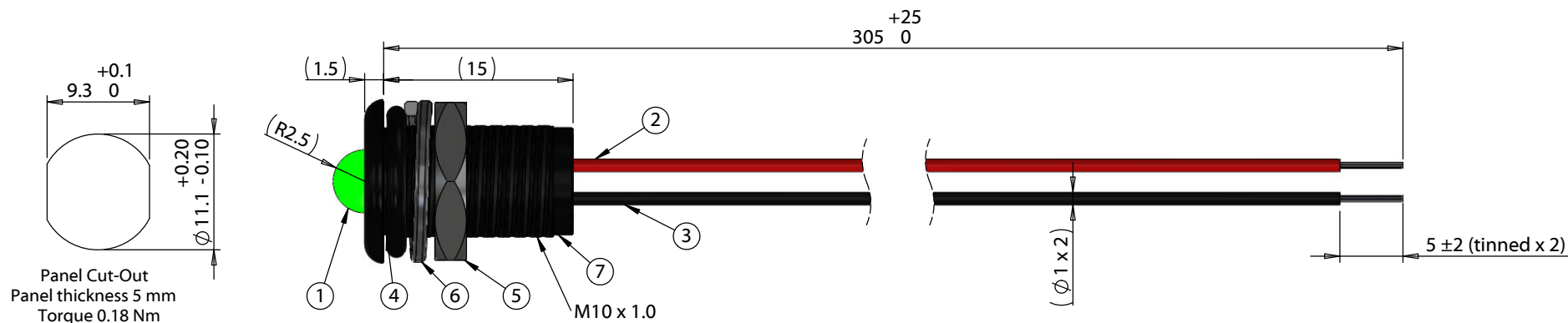
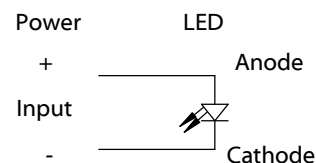


| ITEM NO. | PART NUMBER | DESCRIPTION                                                        | QTY. | COMPONENT NOTES |
|----------|-------------|--------------------------------------------------------------------|------|-----------------|
| 1        | 57-00012    | LED, Ø5x8.6 mm, green, InGaP, 2.0 V, 50°, 65 mcd                   | 1    |                 |
| 2        | 30-01772    | Wire, hook-up, TS, 26 AWG, UL 11028, 600V, 105C, 1 mm, mPPE, red   | 1    |                 |
| 3        | 30-01773    | Wire, hook-up, TS, 26 AWG, UL 11028, 600V, 105C, 1 mm, mPPE, black | 1    |                 |
| 4        | 56-00043    | O-ring, Ø9 ID x Ø12 OD x 1.5mm, rubber, black                      | 1    |                 |
| 5        | 56-00041    | Hardware, hex nut, 13x2.5 mm, M10x1.0, nickel plated               | 1    |                 |
| 6        | 56-00042    | Hardware, washer, lock, 12x10.5x1 mm, SUS, nickel plated           | 1    |                 |
| 7        | 24-00448    | Overmold, LED, 13x15 mm, IP68                                      | 1    | Nylon, black    |



#### 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)       | -         | -      | 5 µA    |
| Luminous intensity (IV)    | 30 mcd    | 65 mcd | 100 mcd |
| Viewing angle (2θ1/2)      | -         | 50°    | -       |
| Forward current (IF)       | -         | -      | 20 mA   |
| Peak forward current (IFP) | -         | -      | 100 mA  |
| Peak wavelength (λP)       | 565 nm    | -      | 575 nm  |
| Operating temp             | -40~80 °C |        |         |



| Wiring Diagram |            |
|----------------|------------|
| 57-00012       | wire color |
| +              | red        |
| -              | black      |

|           |            |                 |                                                 |                                                                                                      |                                                                                                        |
|-----------|------------|-----------------|-------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Revision: | Date:      | Description:    | Prepared:                                       | Notes:                                                                                               | <h1>TENSILITY</h1> <p>tel 1.541.323.3228 800 877.670.7118<br/>fax 1.541.323.4202 web tensility.com</p> |
| A         | 04/09/2025 | Initial release | Verified:                                       | Packaged bulk in static-shielded bag                                                                 |                                                                                                        |
|           |            |                 | Dimensions are in millimeters.                  | RoHS compliant                                                                                       |                                                                                                        |
|           |            |                 | Tolerances:                                     | Function test: no open, no short circuit, no intermittent                                            |                                                                                                        |
|           |            |                 | X: ± 0.5 mm<br>X.X: ± 0.3 mm<br>X.XX: ± 0.05 mm | Description:<br>Cable, 305 mm, green LED 57-00012 to 5 mm tinned, panel mount, 26 AWG, UL11028, IP68 |                                                                                                        |
|           |            |                 |                                                 | Size: A                                                                                              | Part number: 12-00049                                                                                  |
|           |            |                 |                                                 | Scale: 2:1                                                                                           | Sheet 1 of 1                                                                                           |