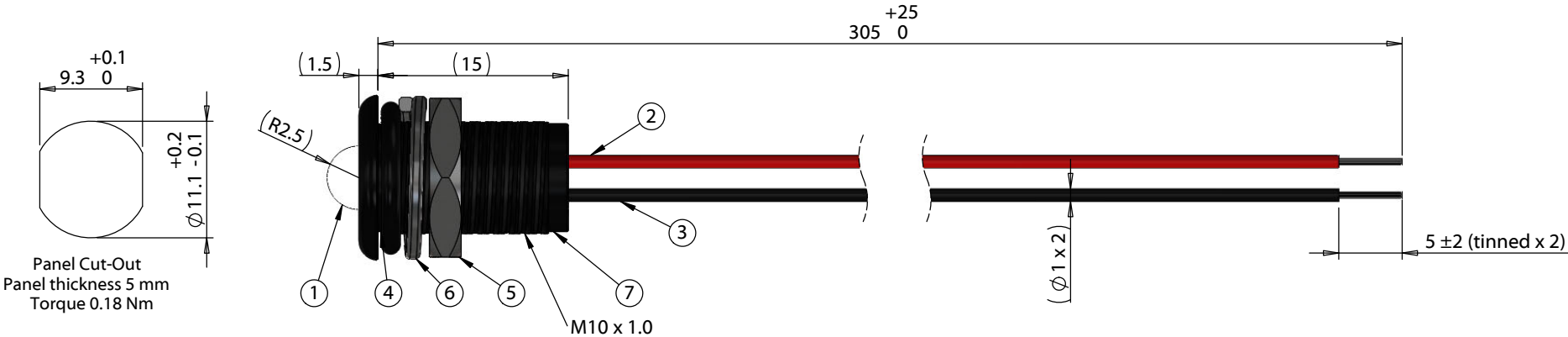
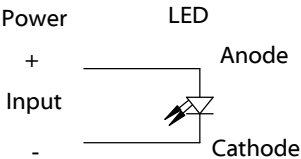


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	57-00010	LED, Ø5x8.3 mm, white, InGaP, 3.0 V, 50°, 20000 mcd	1	
2	30-01772	Wire, hook-up, TS, 26 AWG, UL 11028, 600V, 105C, 1 mm, mPPE, red	1	
3	30-01773	Wire, hook-up, TS, 26 AWG, UL 11028, 600V, 105C, 1 mm, mPPE, black	1	
4	56-00043	O-ring, Ø9 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)	2.8 V	3.0 V	3.4 V
Reverse current (IR)	-	-	5 µA
Luminous intensity (IV)	8000 mcd	20,000 mcd	25,000 mcd
Viewing angle (2θ1/2)	-	50°	-
Forward current (IF)	-	-	20 mA
Peak forward current (IFP)	-	-	100 mA
Peak wavelength (λP)	1600 nm	-	1800 nm
Operating temp	-40~80 °C		



Wiring Diagram	
57-00010	wire color
+	red
-	black

Revision:	Date:	Description:	Prepared:	Notes:	TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com
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	Description:	
			X.X: ± 0.3 mm	Cable, 305 mm, white LED 57-00010 to 5 mm	Size: A
			X.XX: ± 0.05 mm	tinned, panel mount, 26 AWG, UL11028, IP68	Part number: 12-00052
					Scale: 2:1
					Sheet 1 of 1