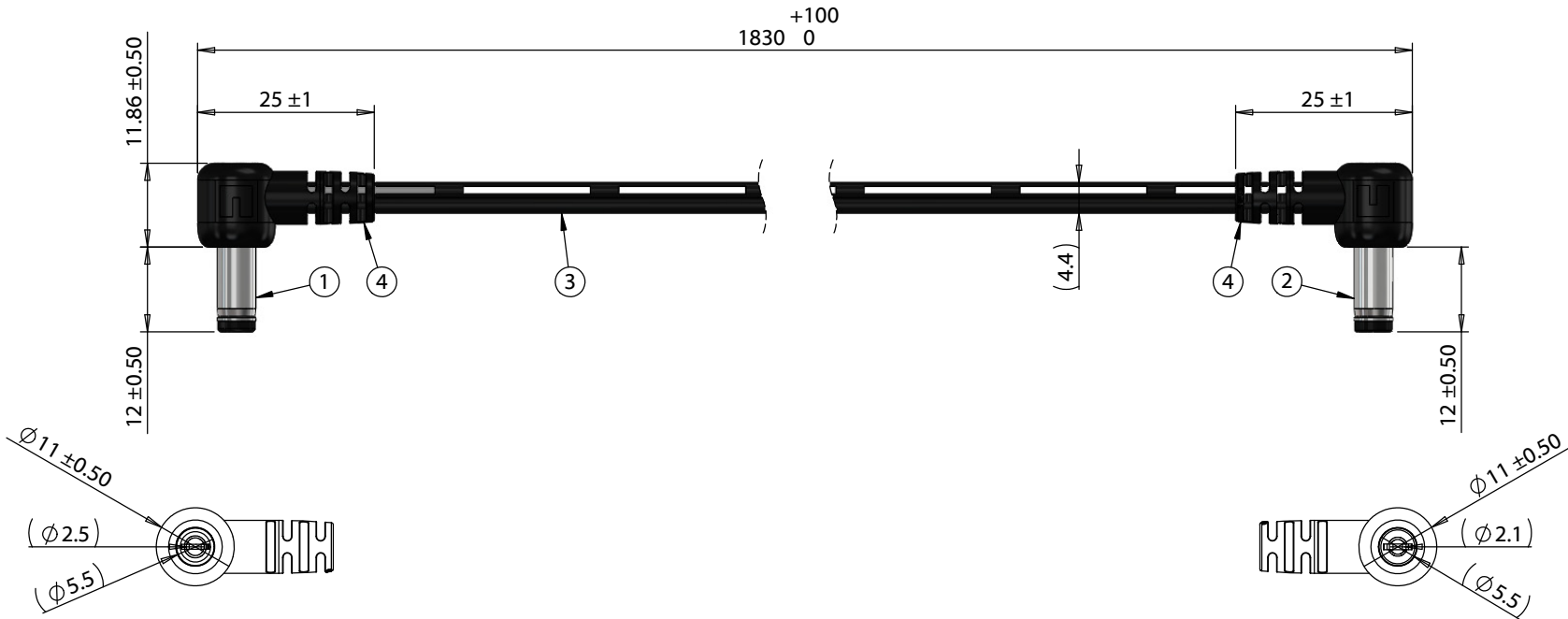


| ITEM NO. | PART NUMBER | DESCRIPTION                                                          | QTY. | COMPONENT NOTES |
|----------|-------------|----------------------------------------------------------------------|------|-----------------|
| 1        | 50-00187    | Connector, dc plug, 5.5x2.5xL20.5 mm, molding style, spring contacts | 1    |                 |
| 2        | 50-00186    | Connector, dc plug, 5.5x2.1xL20.5 mm, molding style, spring contacts | 1    |                 |
| 3        | 30-00395    | Wire, 2C TS, 18 AWG, UL2468, 300V, 80C, 4.4 mm, VW-1, PVC            | 1    |                 |
| 4        | 24-00006    | Overmold                                                             | 2    | black           |



**Ratings**  
Maximum Operating Voltage: 48 V  
Maximum Operating Current: 6.5 A

**Operating Temperature Range**  
-25 ~ 80 °C, relative humidity of 85% or less

**Notes:**  
Functionally equivalent components may be substituted

| Wiring Diagram |                   |          |
|----------------|-------------------|----------|
| 50-00187       | wire color        | 50-00186 |
| center         | black with stripe | center   |
| sleeve         | black             | sleeve   |

|           |            |                 |                                |                                                                                                  |                                                                                                                     |
|-----------|------------|-----------------|--------------------------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Revision: | Date:      | Description:    | Prepared:                      | Notes:                                                                                           | <div>TENSILITY</div> <div>tel 1.541.323.3228 800 877.670.7118</div> <div>fax 1.541.323.4202 web tensility.com</div> |
| A         | 01/18/2018 | Initial release | CR                             |                                                                                                  |                                                                                                                     |
|           |            |                 | Verified:                      | RoHS and REACH compliant                                                                         |                                                                                                                     |
|           |            |                 | KM                             | Function test: no open, no short circuit, no intermittent                                        |                                                                                                                     |
|           |            |                 | Dimensions are in millimeters. | Description:                                                                                     | Size: Part number:                                                                                                  |
|           |            |                 | Tolerances:                    | Cable, 1830 mm, 5.5x2.5x12 mm 90° 50-00187 dc plug to 5.5x2.1x12 mm 90° 50-00186 dc plug, 18 AWG | A 10-02576                                                                                                          |
|           |            |                 | X: ± 0.5 mm                    |                                                                                                  | Scale: 1:1                                                                                                          |
|           |            |                 | X.X: ± 0.3 mm                  |                                                                                                  |                                                                                                                     |
|           |            |                 | X.XX: ± 0.05 mm                |                                                                                                  | Sheet 1 of 1                                                                                                        |

To see a custom version of this cable assembly, call Tensility at 541-323-3228 or email engineering@tensility.com