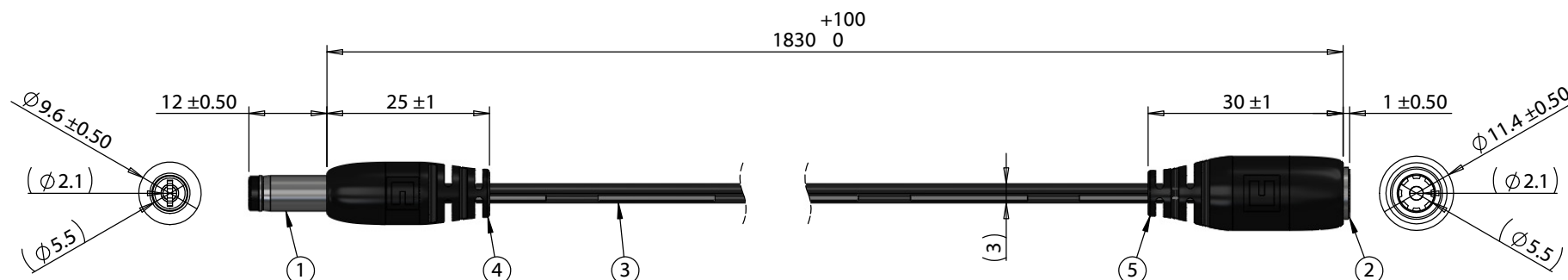


| ITEM NO. | PART NUMBER | DESCRIPTION                                                            | QTY. | COMPONENT NOTES |
|----------|-------------|------------------------------------------------------------------------|------|-----------------|
| 1        | 50-00024    | Connector, dc plug, 5.5x2.1xL23 mm, molding style, spring contacts, LF | 1    |                 |
| 2        | 50-00025    | Connector, dc jack, 5.5x2.1xL17.4 mm, molding style                    | 1    |                 |
| 3        | 30-00404    | Wire, 2C TS, 24 AWG, UL2468, 300V, 80C, 3.0 mm, VW-1, PVC              | 1    |                 |
| 4        | 24-00003    | Overmold                                                               | 1    | black, PVC      |
| 5        | 24-00004    | Overmold                                                               | 1    | black           |



#### Ratings

Maximum Operating Voltage: 48 V  
Maximum Operating Current: 4.5 A

#### Operating Temperature Range

-25 ~ 80 °C, relative humidity of 85% or less

#### Notes:

Functionally equivalent components may be substituted

| Wiring Diagram |                   |          |
|----------------|-------------------|----------|
| 50-00024       | wire color        | 50-00025 |
| center         | black with stripe | center   |
| sleeve         | black             | sleeve   |

|           |            |                 |                                |                                                                                               |                                                                                                                                                 |
|-----------|------------|-----------------|--------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Revision: | Date:      | Description:    | Prepared:                      | Notes:                                                                                        | <div style="text-align: center;"> <h1>TENSILITY</h1> <p>tel 1.541.323.3228 800 877.670.7118<br/>fax 1.541.323.4202 web tensility.com</p> </div> |
| A         | 02/08/2018 | Initial release | CR                             |                                                                                               |                                                                                                                                                 |
|           |            |                 | Verified:                      | RoHS and REACH compliant                                                                      |                                                                                                                                                 |
|           |            |                 | KM                             | Function test: no open, no short circuit, no intermittent                                     |                                                                                                                                                 |
|           |            |                 | Dimensions are in millimeters. | Description:                                                                                  | Size:                                                                                                                                           |
|           |            |                 | Tolerances:                    | Cable, 1830 mm, 5.5x2.1x12 mm 50-00024 dc plug to 5.5x2.1 mm 50-00025 dc jack, 24 AWG, UL2468 | Part number:                                                                                                                                    |
|           |            |                 | X: ± 0.5 mm                    |                                                                                               | 10-02521                                                                                                                                        |
|           |            |                 | X.X: ± 0.3 mm                  |                                                                                               | Scale: 1:1                                                                                                                                      |
|           |            |                 | X.XX: ± 0.05 mm                |                                                                                               | Sheet 1 of 1                                                                                                                                    |

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