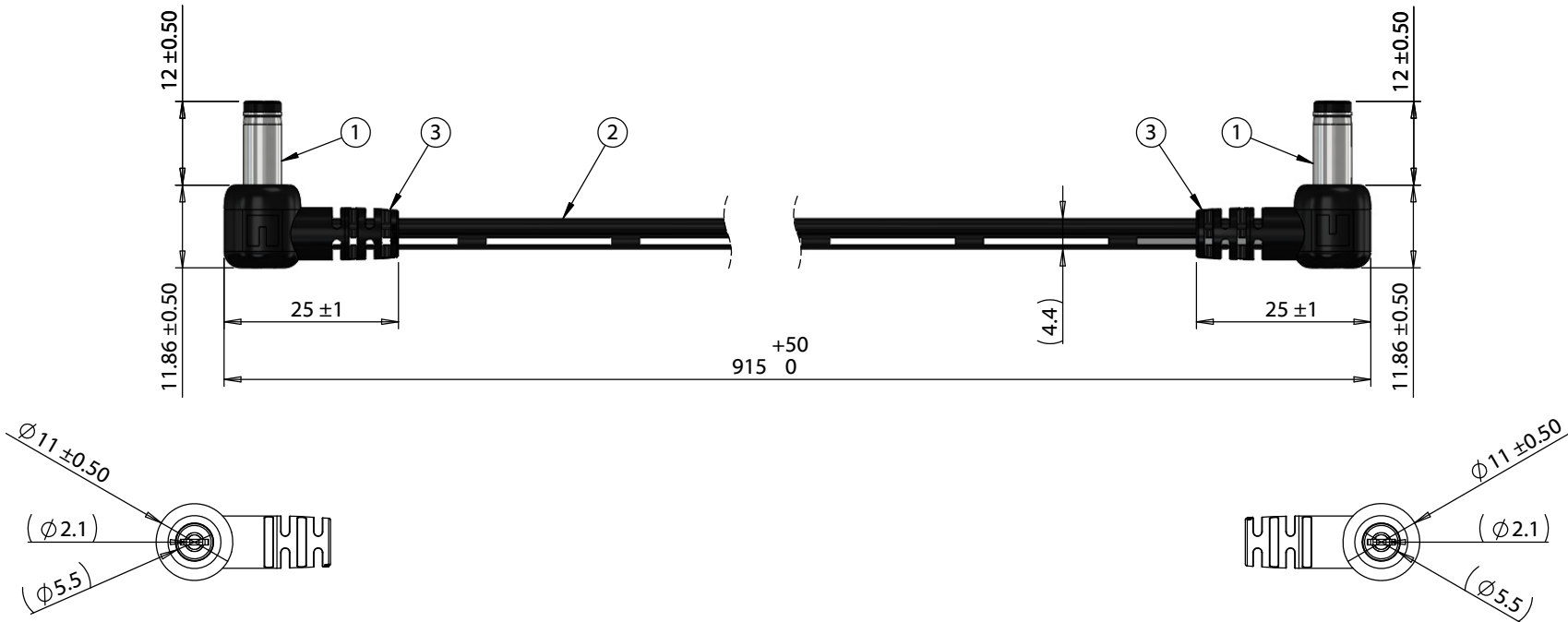


| ITEM NO. | PART NUMBER | DESCRIPTION                                                          | QTY. | COMPONENT NOTES |
|----------|-------------|----------------------------------------------------------------------|------|-----------------|
| 1        | 50-00186    | Connector, dc plug, 5.5x2.1xL20.5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



**Ratings**  
Maximum Operating Voltage: 48 V  
Maximum Operating Current: 9.5 A

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

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

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

|           |           |                 |                                                                                                    |                                                                                                          |                                                                                                                 |
|-----------|-----------|-----------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Revision: | Date:     | Description:    | Prepared:<br>CR<br><small>Digitally signed by CR<br/>Date: 2026.02.18<br/>12:21:39 -08'00'</small> | Notes:                                                                                                   | <div>TENSILITY</div> <div> tel 1.541.323.3228 800 877.670.7118<br/> fax 1.541.323.4202 web tensility.com </div> |
| A         | 7/28/2017 | Initial release | Verified:<br>KM<br><small>Digitally signed by KM<br/>Date: 2026.03.09<br/>15:24:29 -07'00'</small> | RoHS compliant                                                                                           |                                                                                                                 |
|           |           |                 | Dimensions are in millimeters.                                                                     | Function test: no open, no short circuit, no intermittent                                                |                                                                                                                 |
|           |           |                 | Tolerances:<br>X: ± 0.5 mm<br>X.X: ± 0.3 mm<br>X.XX: ± 0.05 mm                                     | Description:<br>Cable, 915 mm, 5.5x2.1x12 mm 90° 50-00186 dc plug to same, 18 AWG, UL2468, 30-00395 wire |                                                                                                                 |
|           |           |                 |                                                                                                    |                                                                                                          |                                                                                                                 |

TENSILITY

tel 1.541.323.3228 800 877.670.7118  
fax 1.541.323.4202 web tensility.com

Size: A  
Part number: 10-02562

Scale: 1:1 Sheet 1 of 1