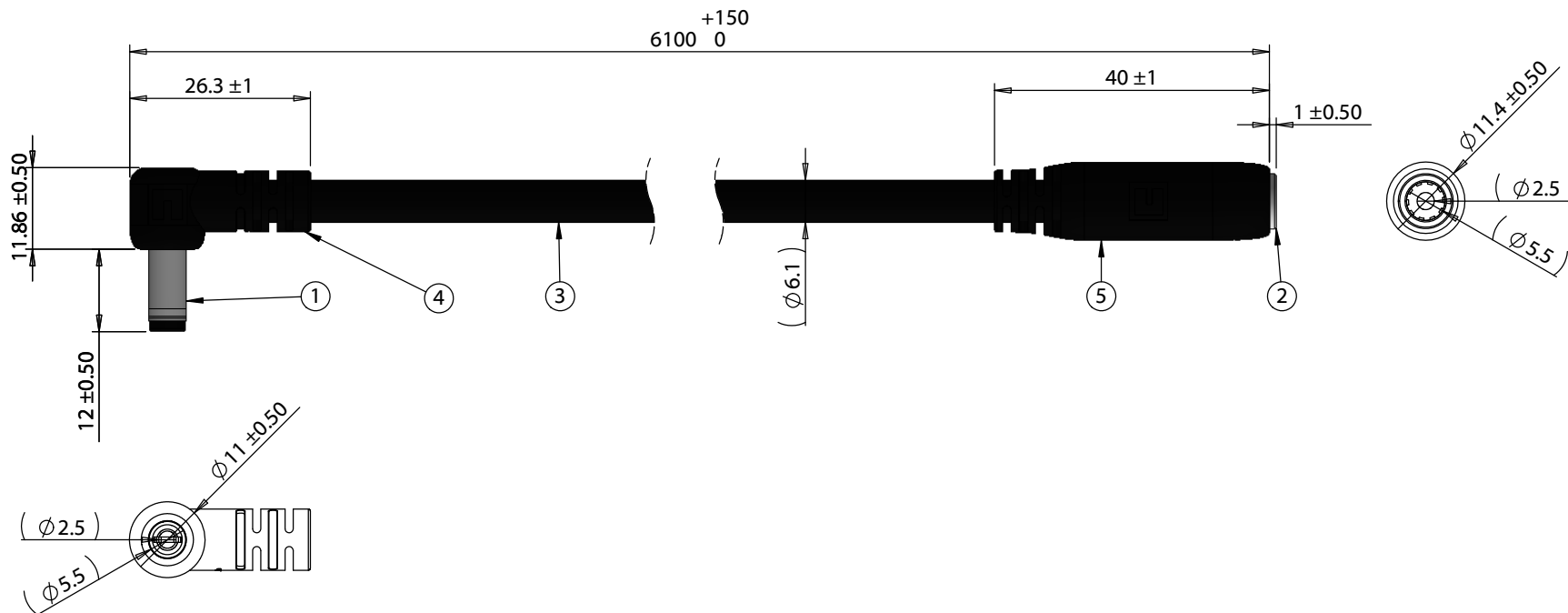


| ITEM NO. | PART NUMBER | DESCRIPTION                                                          | QTY. | COMPONENT NOTES |
|----------|-------------|----------------------------------------------------------------------|------|-----------------|
| 1        | 50-00129    | Connector, dc plug, 5.5x2.5xL18.5 mm, molding style, spring contacts | 1    |                 |
| 2        | 50-00027    | Connector, dc jack, 5.5x2.5xL17.4 mm, molding style                  | 1    |                 |
| 3        | 30-00680    | Wire, 2C TS, 16 AWG, UL2464, 300V, 80C, 6.1 mm, VW-1, PVC            | 1    |                 |
| 4        | 24-00185    | Overmold, dc plug, 5.5 mm, 90°, Tensility                            | 1    | PVC, black      |
| 5        | 24-00183    | Overmold, dc jack, 5.5 mm, Tensility                                 | 1    | PVC, black      |



**Notes:**  
Functionally equivalent components may be substituted  
Cable rated for 48 V, 7 A

| Wiring Diagram |            |          |
|----------------|------------|----------|
| 50-00129       | wire color | 50-00027 |
| center         | red        | center   |
| sleeve         | black      | sleeve   |

|           |            |                 |                                                                                                  |                                                                                                                     |                                                                                                                 |                          |              |
|-----------|------------|-----------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------------|--------------|
| Revision: | Date:      | Description:    | Prepared:                                                                                        | Notes:<br>RoHS compliant<br>Function test: no open, no short circuit, no intermittent                               | <div>TENSILITY</div> <div> tel 1.541.323.3228 800 877.670.7118<br/> fax 1.541.323.4202 web tensility.com </div> |                          |              |
| A         | 06/07/2019 | Initial release | Verified:                                                                                        |                                                                                                                     |                                                                                                                 |                          |              |
|           |            |                 | Dimensions are in millimeters.<br>Tolerances:<br>X: ± 0.5 mm<br>X.X: ± 0.3 mm<br>X.XX: ± 0.05 mm | Description:<br>Cable, 6100 mm, 5.5x2.5x12 mm 90° 50-00129 dc plug to 5.5x2.5 mm 50-00027 dc jack, 16 AWG, 30-00680 | Size:<br>A                                                                                                      | Part number:<br>10-03371 |              |
|           |            |                 |                                                                                                  |                                                                                                                     | Scale: 1:1                                                                                                      |                          | Sheet 1 of 1 |

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