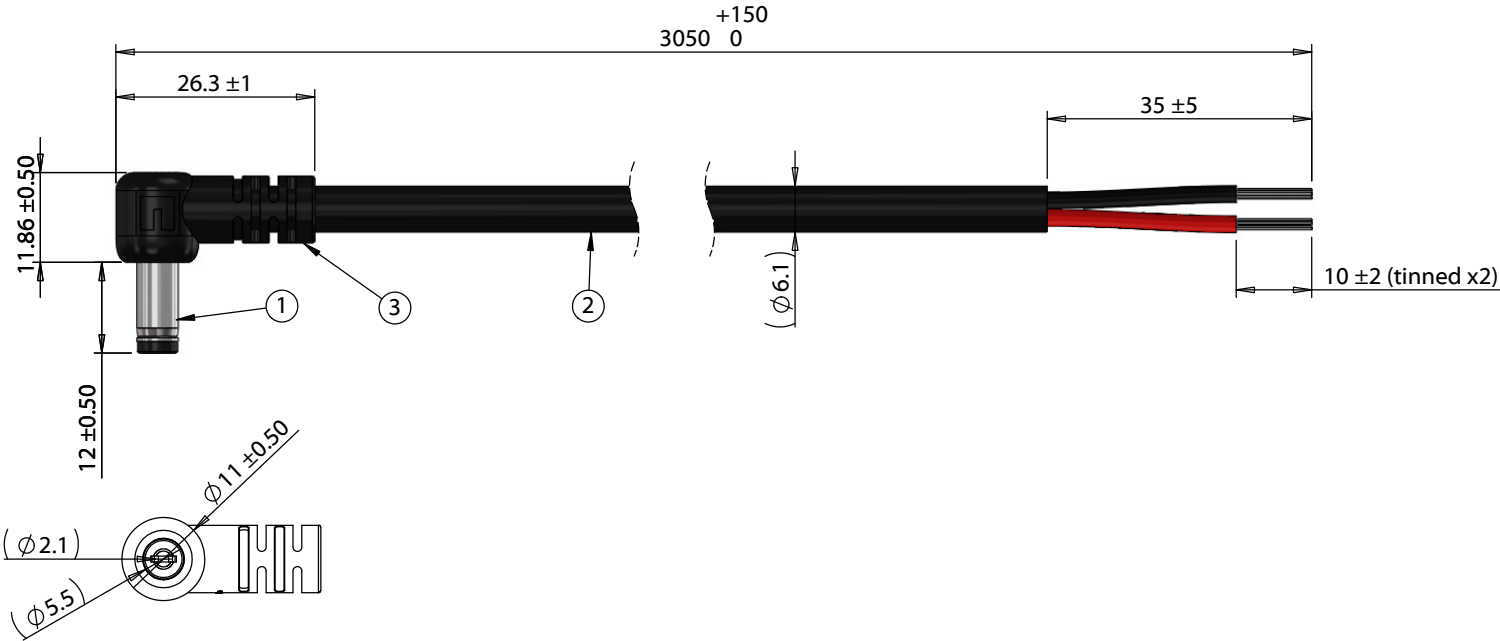


| ITEM NO. | PART NUMBER | DESCRIPTION                                                          | QTY. | COMPONENT NOTES |
|----------|-------------|----------------------------------------------------------------------|------|-----------------|
| 1        | 50-00133    | Connector, dc plug, 5.5x2.1xL18.5 mm, molding style, spring contacts | 1    |                 |
| 2        | 30-00680    | Wire, 2C TS, 16 AWG, UL2464, 300V, 80C, 6.1 mm, VW-1, PVC            | 1    |                 |
| 3        | 24-00185    | Overmold, dc plug, 5.5 mm, 90°, Tensility                            | 1    | PVC, black      |



**Ratings**  
Maximum Operating Voltage: 48 V  
Maximum Operating Current: 8.5 A

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

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

| Wiring Diagram |            |
|----------------|------------|
| 50-00133       | wire color |
| center         | red        |
| sleeve         | black      |

|           |            |                 |                                |                                                                                              |                                                                                                                 |              |
|-----------|------------|-----------------|--------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------|
| Revision: | Date:      | Description:    | Prepared:                      | 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         | 06/06/2019 | Initial release | CR                             |                                                                                              |                                                                                                                 |              |
|           |            |                 | Verified:                      | RoHS compliant                                                                               | <div>Function test: no open, no short circuit, no intermittent</div>                                            |              |
|           |            |                 | KM                             | Function test: no open, no short circuit, no intermittent                                    |                                                                                                                 |              |
|           |            |                 | Dimensions are in millimeters. | Description:                                                                                 | Size:                                                                                                           | Part number: |
|           |            |                 | Tolerances:                    | Cable, 3050 mm, 5.5x2.1x12 mm 90° 50-00133 dc plug to stripped tinned, 16 AWG, 30-00680 wire | A                                                                                                               | 10-03354     |
|           |            |                 | X: ± 0.5 mm                    |                                                                                              | Scale: 1:1                                                                                                      | Sheet 1 of 1 |
|           |            |                 | X.X: ± 0.3 mm                  |                                                                                              |                                                                                                                 |              |
|           |            |                 | X.XX: ± 0.05 mm                |                                                                                              |                                                                                                                 |              |