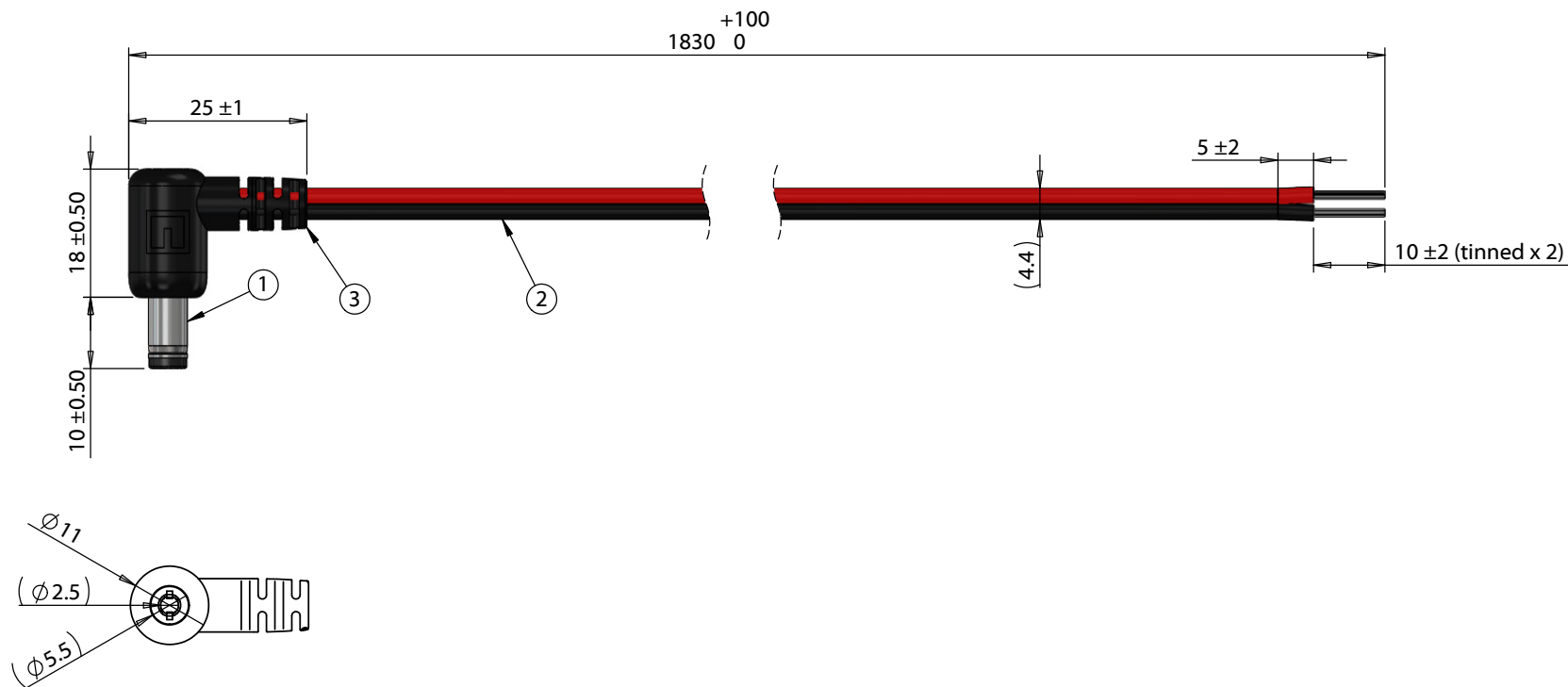


| ITEM NO. | PART NUMBER | DESCRIPTION                                                                              | QTY. | COMPONENT NOTES           |
|----------|-------------|------------------------------------------------------------------------------------------|------|---------------------------|
| 1        | 50-00542    | Connector, dc plug, 5.5x2.5x23 mm, molding style, spring contacts, nickel plated, 105° C | 1    |                           |
| 2        | 30-00795    | Wire, 2C TS, 18 AWG, UL2651, 300V, 105C, 4.4 mm, VW-1, PVC, red and black                | 1    |                           |
| 3        | 24-00190    | Overmold, 90°, dc plug                                                                   | 1    | PVC, black, 105° C, 94V-0 |



**Notes:**  
Cable rated for 48 V, 8.0 A

Functionally equivalent components may be substituted

| Wiring Diagram |            |
|----------------|------------|
| 50-00542       | wire color |
| center         | red        |
| sleeve         | black      |

|           |           |                 |                                                                                                  |                                                                                                                                                                                       |                                                                                                                 |                                                                                                                                                                                          |
|-----------|-----------|-----------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Revision: | Date:     | Description:    | Prepared:                                                                                        | Notes:<br>RoHS and REACH compliant                                                                                                                                                    | <div>TENSILITY</div> <div> tel 1.541.323.3228 800 877.670.7118<br/> fax 1.541.323.4202 web tensility.com </div> |                                                                                                                                                                                          |
| A         | 12/6/2016 | 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 | Function test: no open, no short circuit, no intermittent<br><br>Description:<br>Cable, 1830 mm, 5.5x2.5x10 mm 90° 50-00542 dc plug to 10 mm tinned, 18 AWG, 30-00795 R-B wire, 105°C | Size:                                                                                                           | Part number:                                                                                                                                                                             |
|           |           |                 |                                                                                                  |                                                                                                                                                                                       | A                                                                                                               | 10-02320                                                                                                                                                                                 |
|           |           |                 |                                                                                                  |                                                                                                                                                                                       | Scale: 1:1                                                                                                      |   Sheet 1 of 1 |