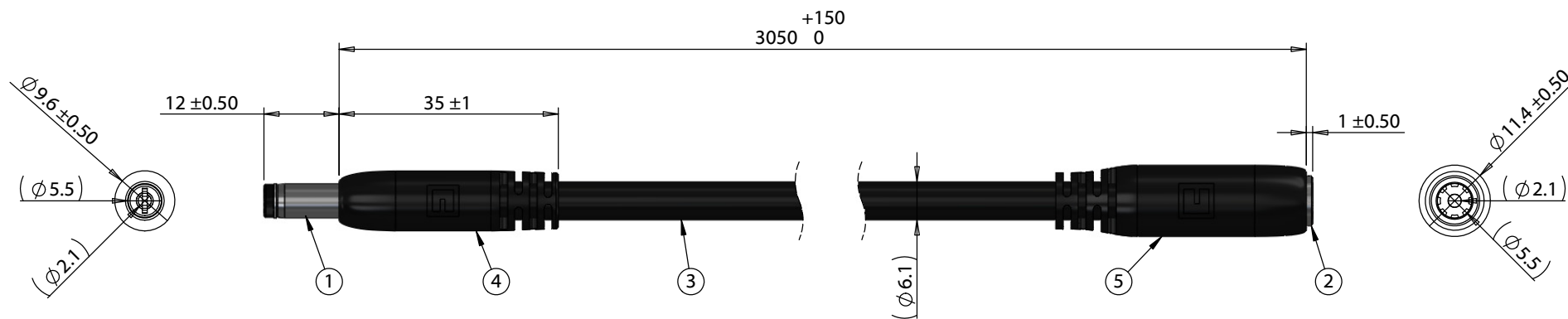


| ITEM NO. | PART NUMBER | DESCRIPTION                                                            | QTY. | COMPONENT NOTES |
|----------|-------------|------------------------------------------------------------------------|------|-----------------|
| 1        | 50-00024    | Connector, dc plug, 5.5x2.1x123 mm, molding style, spring contacts, LF | 1    |                 |
| 2        | 50-00025    | Connector, dc jack, 5.5x2.1x17.4 mm, molding style                     | 1    |                 |
| 3        | 30-00680    | Wire, 2C TS, 16 AWG, UL2464, 300V, 80C, 6.1 mm, VW-1, PVC              | 1    |                 |
| 4        | 24-00182    | Overmold, dc plug, 5.5 mm, Tensility                                   | 1    | PVC, black      |
| 5        | 24-00183    | Overmold, dc jack, 5.5 mm, Tensility                                   | 1    | PVC, black      |



#### Ratings

Maximum Operating Voltage: 48 V  
Maximum Operating Current: 7 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         | red        | center   |
| sleeve         | black      | sleeve   |

|           |            |                 |                                |                                                                                                      |                                                                                                                 |              |              |
|-----------|------------|-----------------|--------------------------------|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------|--------------|
| 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 50-00024 dc plug to 5.5x2.1 mm 50-00025 dc jack, 16 AWG, 30-00680 wire | A                                                                                                               | 10-03333     |              |
|           |            |                 | X: ± 0.5 mm                    |                                                                                                      | Scale:                                                                                                          | 1:1          | Sheet 1 of 1 |
|           |            |                 | X.X: ± 0.3 mm                  |                                                                                                      |                                                                                                                 |              |              |
|           |            |                 | X.XX: ± 0.05 mm                |                                                                                                      |                                                                                                                 |              |              |

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