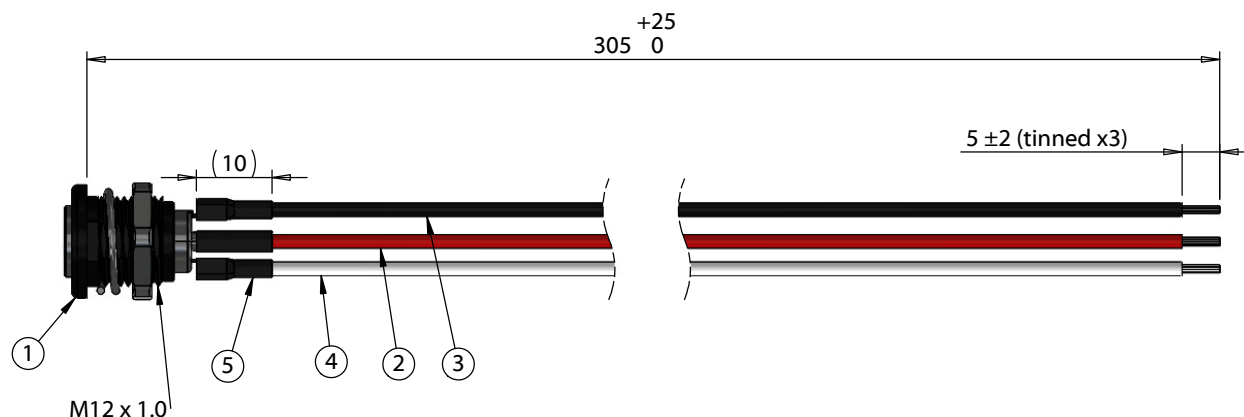
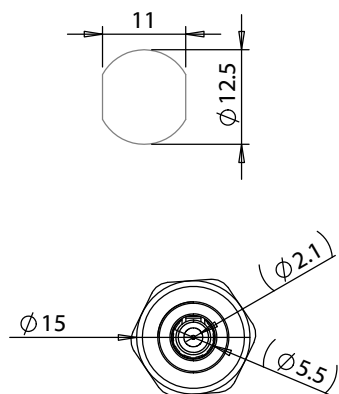


| ITEM NO. | PART NUMBER | DESCRIPTION                                                                                       | QTY. | COMPONENT NOTES |
|----------|-------------|---------------------------------------------------------------------------------------------------|------|-----------------|
| 1        | 54-00311    | Connector, dc jack w/switch, 5.5x2.1xL22 mm, panel mount, nickel plated, threaded, nut and washer | 1    |                 |
| 2        | 30-02541    | Wire, hook-up, TS, 18 AWG, UL 1332, 300V, 200C, 1.8 mm, FEP, red                                  | 1    |                 |
| 3        | 30-02542    | Wire, hook-up, TS, 18 AWG, UL 1332, 300V, 200C, 1.8 mm, FEP, black                                | 1    |                 |
| 4        | 30-02543    | Wire, hook-up, TS, 18 AWG, UL 1332, 300V, 200C, 1.8 mm, FEP, white                                | 1    |                 |
| 5        | 32-00042    | Heat shrink, 3.2 mm ID, FPM, 2:1 ratio, 200 °C, UL VW-1                                           | 3    |                 |

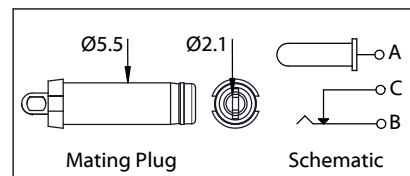
### Installation Details

Panel thickness: 4.5 mm max

Recommended panel cutout:



**Notes:**  
Operating temperature -50 ~ 200 °C  
Cable rated for 48 V, 9.0 A



| Wiring Diagram |            |
|----------------|------------|
| 54-00311       | Wire Color |
| Center (A)     | Red        |
| Sleeve (B)     | Black      |
| Switch (C)     | White      |

|           |           |                 |                                                                                                  |                                                                                                |                                                                                                                 |              |
|-----------|-----------|-----------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------|
| 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         | 8/17/2022 | 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, 305 mm, 5.5x2.1 mm 54-00311 to stripped and tinned, 18 AWG, UL1332 wire | Size:                                                                                                           | Part number: |
|           |           |                 |                                                                                                  |                                                                                                | A                                                                                                               | 10-05158     |
|           |           |                 |                                                                                                  |                                                                                                | Scale: 1:1                                                                                                      | Sheet 1 of 1 |

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