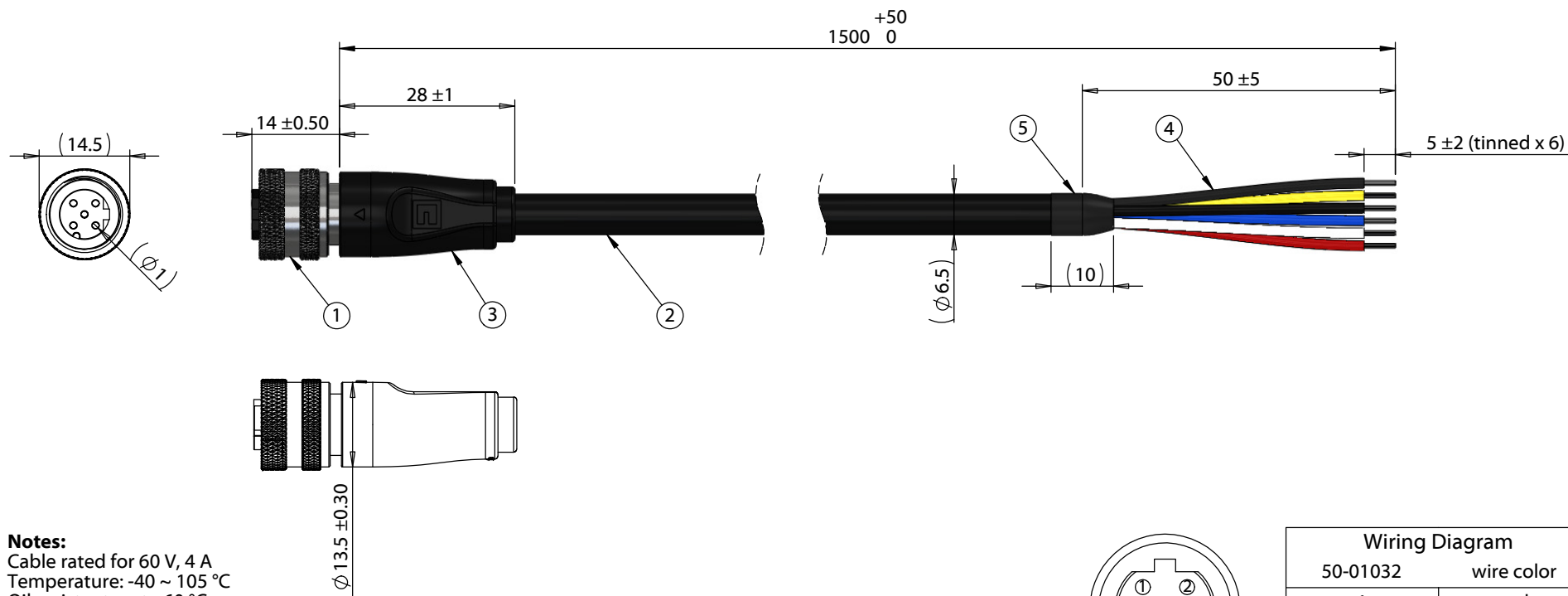


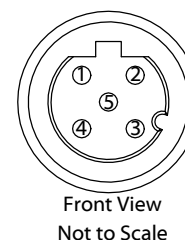
| ITEM NO. | PART NUMBER | DESCRIPTION                                                                                          | QTY. | COMPONENT NOTES      |
|----------|-------------|------------------------------------------------------------------------------------------------------|------|----------------------|
| 1        | 50-01032    | Connector, 5 pin M12 D-code socket, 12xL22mm, gold plated, molding style, solder cup, IP67, shielded | 1    |                      |
| 2        | 30-01586    | Wire, 5C TS, 22 AWG, UL20387, 300V, 105C, 60C oil, UV, 6.5 mm, shielded, VW-1, PVC, 80A, black       | 1    |                      |
| 3        | 24-00349    | Overmold, M12 plug and jack, 180°                                                                    | 1    | PVC, black           |
| 4        | Heat Shrink | Heat shrink, black                                                                                   | 1    | covers drain         |
| 5        | Heat Shrink | Heat shrink, black                                                                                   | 1    | covers end of jacket |



**Notes:**  
Cable rated for 60 V, 4 A  
Temperature: -40 ~ 105 °C  
Oil resistant up to 60 °C  
Water resistant up to 75 °C  
UV resistant

IP67 waterproof rating when mated with corresponding (IP67) connector

Functionally equivalent components may be substituted



| Wiring Diagram |              |
|----------------|--------------|
| 50-01032       | wire color   |
| 1              | red          |
| 2              | yellow       |
| 3              | black        |
| 4              | white        |
| 5              | blue         |
| Shell          | shield/drain |

|           |           |                 |                                                                                                  |                                                                                                             |                                                                                                                 |                          |
|-----------|-----------|-----------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------------|
| 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         | 9/25/2023 | Initial release | Verified:                                                                                        | RoHS compliant<br>Function test: no open, no short circuit, no intermittent                                 |                                                                                                                 |                          |
|           |           |                 | 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, 1500mm, 1.0 mm 5C 50-01032 M12 socket to 5mm tinned, 22 AWG, 30-01586 wire, shielded | Size:<br>A                                                                                                      | Part number:<br>10-05662 |
|           |           |                 |                                                                                                  |                                                                                                             | Scale: 1:1                                                                                                      | Sheet 1 of 1             |

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