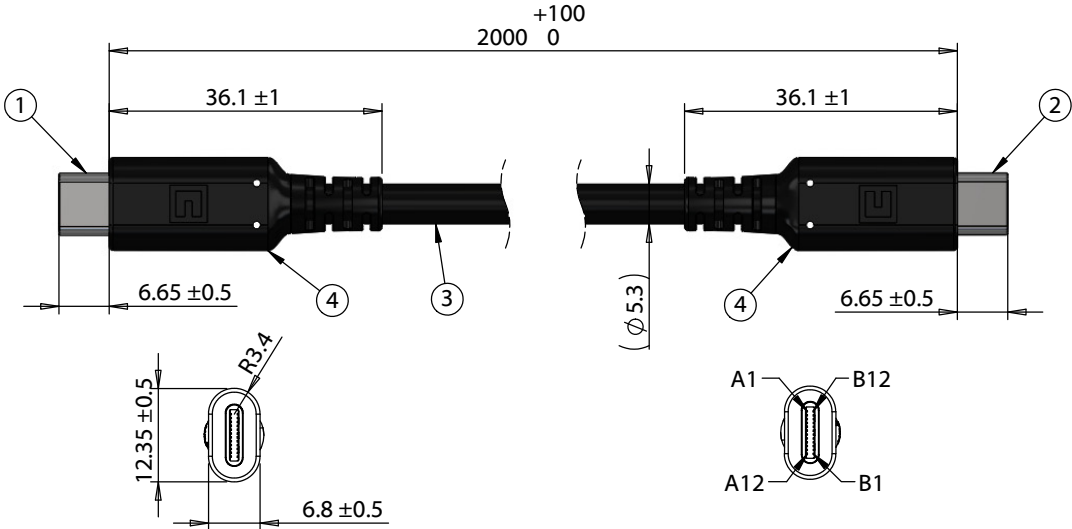


| ITEM NO. | PART NUMBER | DESCRIPTION                                                                                     | QTY. | COMPONENT NOTES |
|----------|-------------|-------------------------------------------------------------------------------------------------|------|-----------------|
| 1        | 50-01061    | Connector, USB C 3.2 Gen1x1 plug, stainless steel shell, molding style                          | 1    |                 |
| 2        | 50-01071    | Connector, USB C 3.2 Gen1x1 plug w/e-marker chip, stainless steel shell, molding style          | 1    |                 |
| 3        | 30-03508    | Wire, 16C TS, 5PR + 6C, 32 to 22 AWG, UL21104, 30 V, 80C, 5.30 mm, shielded, VW-1, TPE, USB 3.2 | 1    |                 |
| 4        | 24-00435    | Overmold, USB type C, 36.1 mm                                                                   | 2    | TPE, black      |



**Ratings**  
Voltage: 20 Vdc  
Current: 3 A  
Temperature: 80°C

**Transmission (USB 3.2 Gen 1x1)**  
Transfer speed: 5 Gbps

Functionally equivalent components may be substituted

| Wiring diagram         |                    |                        |
|------------------------|--------------------|------------------------|
| 50-01061               | wire color         | 50-01071               |
| A1, B1, A12, B12 (GND) | black              | A1, B1, A12, B12 (GND) |
| A4, B4, A9, B9 (VBUS)  | red                | A4, B4, A9, B9 (VBUS)  |
| A5 (CC)                | yellow             | A5 (CC)                |
| B5 (VCONN)             | blue               | B5 (VCONN)             |
| A6 (Dp1)               | green              | A6 (Dp1)               |
| A7 (Dn1)               | white              | A7 (Dn1)               |
| A2 (SSTXp1)            | blue (blue foil)   | B11 (SSRXp1)           |
| A3 (SSTXn1)            | white (blue foil)  | B10 (SSRXn1)           |
| GND                    | drain (blue foil)  | GND                    |
| B11 (SSRXp1)           | blue (red foil)    | A2 (SSTXp1)            |
| B10 (SSRXn1)           | white (red foil)   | A3 (SSTXn1)            |
| GND                    | drain (red foil)   | GND                    |
| B2 (SSTXp2)            | blue (gold foil)   | A11 (SSRXp2)           |
| B3 (SSTXn2)            | white (gold foil)  | A10 (SSRXn2)           |
| GND                    | drain (gold foil)  | GND                    |
| A11 (SSRXp2)           | blue (green foil)  | B2 (SSTXp2)            |
| A10 (SSRXn2)           | white (green foil) | B3 (SSTXn2)            |
| GND                    | drain (green foil) | GND                    |
| A8 (SBU1)              | brown              | B8 (SBU2)              |
| B8 (SBU2)              | purple             | A8 (SBU1)              |
| shell                  | shield             | shell                  |

|           |            |                 |                                                                                                  |                                                                                                                      |                                                                                                 |              |
|-----------|------------|-----------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------|
| Revision: | Date:      | Description:    | Prepared:                                                                                        | Notes:<br>RoHS compliant<br>Function test: no open, no short circuit, no intermittent                                | <b>TENSILITY</b><br>tel 1.541.323.3228 800 877.670.7118<br>fax 1.541.323.4202 web tensility.com |              |
| A         | 11/21/2024 | 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, 2000 mm, 50-01061 USB C plug to 50-01071 USB C plug, 30-03508 wire, shielded, USB 3.2 Gen 1x1 | Size: A Part number: 10-06147                                                                   |              |
|           |            |                 |                                                                                                  |                                                                                                                      | Scale: 1:1                                                                                      | Sheet 1 of 1 |