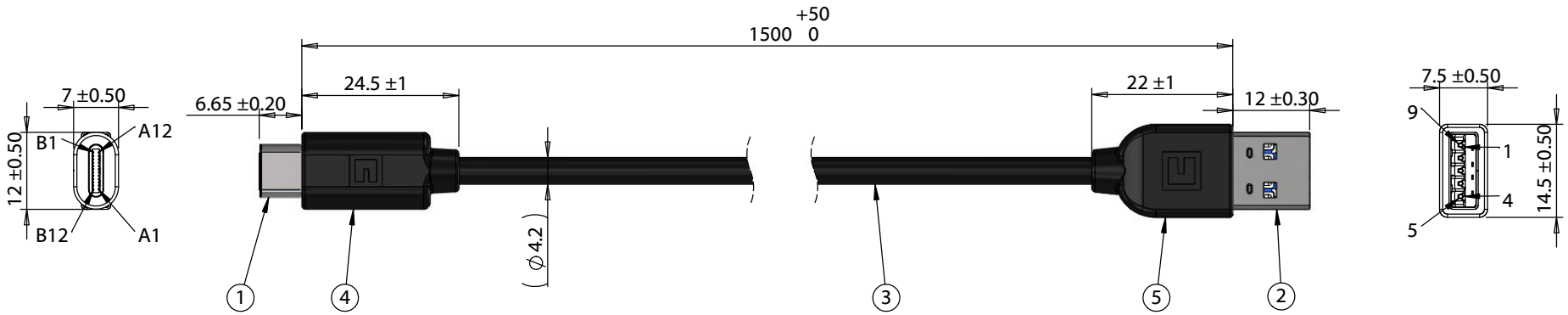
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	50-00477	Connector, USB C 3.1 plug, molding style	1	
2	50-00469	Connector, USB A 3.0 plug, horizontal SMT or molding style, nickel shell, blue insulator	1	
3	30-01382	Wire, 9C, 3PR + 3C, 32 to 26 AWG, Non-UL, 30V, 60C, 4.2 mm, shielded, VW-1, TPE, USB 3.1	1	
4	24-00113	Overmold, USB 3.1 C plug	1	TPE/PVC, black
5	24-00331	Overmold, plug, USB A	1	TPE/PVC, black



Wiring diagram		
50-00477		50-00469
Pin (Signal)	Wire	Pin (Signal)
A7 (D-)	White (32 AWG)	2 (D-)
A6 (D+)	Green (32 AWG)	3 (D+)
A3 (TX-)	Blue (32 AWG)	5 (RX-)
A2 (TX+)	Yellow (32 AWG)	6 (RX+)
B10 (RX-)	Purple (32 AWG)	8 (TX-)
B11 (RX+)	Orange (32 AWG)	9 (TX+)
A4, B4, A9, B9 (VBUS)	Red (26 AWG)	1 (VBUS)
A1, B1, A12, B12 (GND & Shell)	Black (26 AWG) & Drain	4, 7 (GND & Shell)

Notes:
Cable meets USB 3.1 Gen 1 requirements
20 V / 3.0 A max
Functionally equivalent components may be substituted

Revision:	Date:	Description:
A	6/15/2020	Initial release

Prepared: AG — Digitally signed by AG Date: 2020.06.23 12:06:41 -07'00'

Verified: AW — Digitally signed by AW Date: 2020.06.23 14:18:43 -07'00'

Dimensions are in millimeters.
Tolerances:
X: ± 0.5 mm
X.X: ± 0.3 mm
X.XX: ± 0.05 mm

Notes:

RoHS compliant

Function test: no open, no short circuit, no intermittent

Description:

Cable, 1500 mm, USB 3.1 C Male 50-00477 to USB A Male 50-00469, USB 3.1, 30-01382 wire

TENSILITY
tel 1.541.323.3228 800 877.670.7118
fax 1.541.323.4202 web tensility.com

Size: A
Part number: 10-03676
Scale: 1:1
Sheet 1 of 1

To see a custom version of this cable assembly, call Tensility at 541-323-3228 or email engineering@tensility.com

5 4 3 2 1