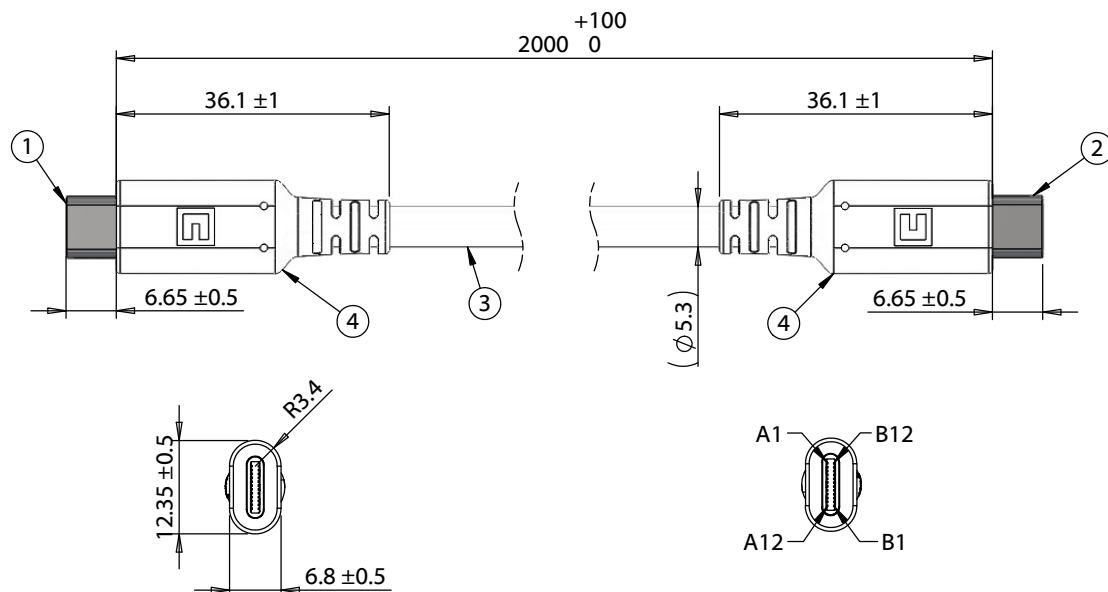


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	50-01061	Connector, USB C 3.2 Gen1x1 plug, stainless steel shell, molding style	1	
2	50-01071	Connector, USB C 3.2 Gen1x1 plug w/e-marker chip, stainless steel shell, molding style	1	
3	30-03509	Wire, 16C TS, 5PR + 6C, 32 to 22 AWG, UL21104, 30 V, 80C, 5.30 mm, shielded, VW-1, TPE, USB 3.2, white	1	
4	24-00435	Overmold, USB type C, 36.1 mm	2	TPE, white



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:	TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com	
A	11/21/2024	Initial release	Verified:	RoHS compliant Function test: no open, no short circuit, no intermittent		
			Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description: Cable, 2000 mm, 50-01061 USB C plug to 50-01071 USB C plug, 30-03509 wire, shielded, USB 3.2 Gen 1x1, white	Size: A	Part number: 10-06146
					Scale: 1:1	Sheet 1 of 1

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