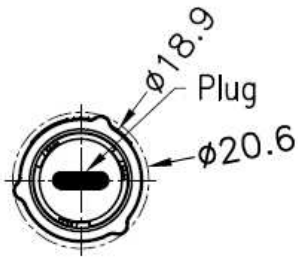
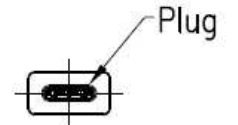
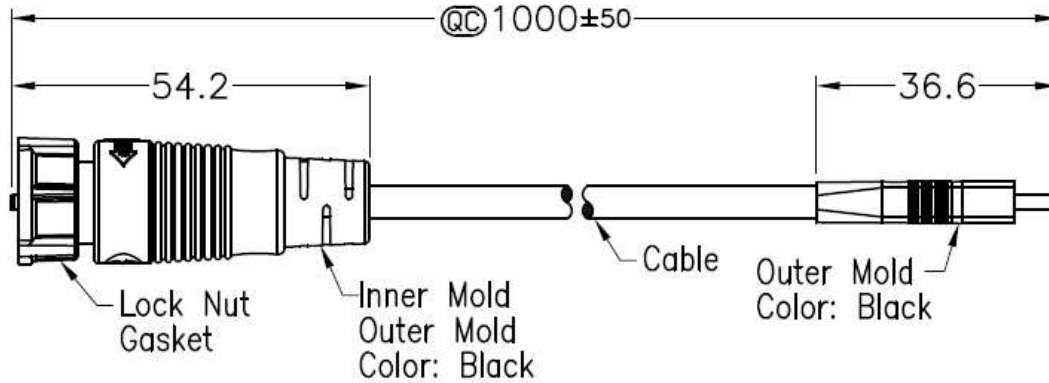


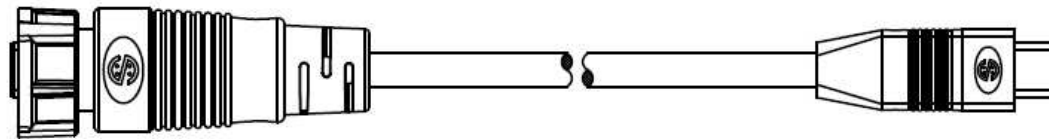
REVISIONS				REV	ZONE	ECO#	DESCRIPTION	DRAW	APPD	DATE
				A			INITIAL RELEASE	KC	-	



Conn.1



Conn.2  
Without Waterproof



**NOTES:**

1. WATERPROOF RATE: IP67
2. TEMPERATURE RANGE: -20°C TO +80°C
3. MATERIAL:

LOCK NUT: NYLON, BLACK  
 PLUG: USB-C 3.1, STAINLESS STEEL  
 PIN: COPPER ALLOY, GOLD PLATED  
 GASKET: RUBBER

4. CABLE:

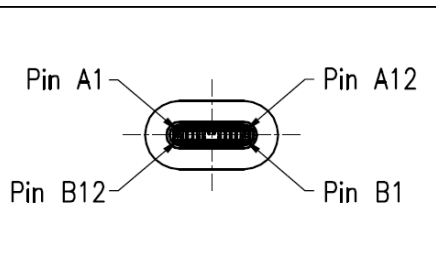
UL2725 USB3.1 GEN2  
 (7/0.1TA\*1PR+EAM)\*4+7/0.1TA\*1PR+7/0.08TA\*4C+7/0.2TA\*2C+AB  
 PVC JACKET, UV RESISTANT, BLACK, OD=Ø5.0mm

5. PART NO: IPUSB-31WPCPC-XX

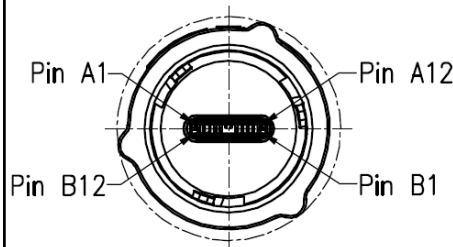
XX = LENGTH

6. CABLE LENGTH TOLERANCE:

L±10%mm<50cm  
 50cm≤L±40mm<1M  
 1M≤L±5%≤5M



Conn.2  
Pin Assignments Front View



Conn.1  
Pin Assignments Front View

SCHEMATIC				
CONN. 1			CONN. 2	
A1, B12, B1, A12	DRAIN 26 AWG		A1, B12, B1, A12	
A4, B9, B4, A9	RD 24 AWG		A4, B9, B4, A9	
B5	YE 34 AWG		B5	
A5	GN 34 AWG		A5	
A6	WH 30 AWG		A6	
A7	GN 30 AWG		A7	
A11	BK 30 AWG		B2	
A10	WH 30 AWG		B3	
A3	WH 30 AWG		B10	
A2	BK 30 AWG		B11	
B11	BK 30 AWG		A2	
B10	WH 30 AWG		B3	
B3	WH 30 AWG		A10	
B2	BK 30 AWG		A11	
B8	RD 34 AWG		A8	
A8	BU 34 AWG		B8	

IPUSB-31WPCPC-1M

IPUSB-31WPCPC-1M



2180 Hornig Road, Philadelphia, PA 19116

DATE CODE: 2A589	SIZE: A	SCALE: NTS	SHEET: 1 OF 1	REV: A	DATE: 1/31/2020
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