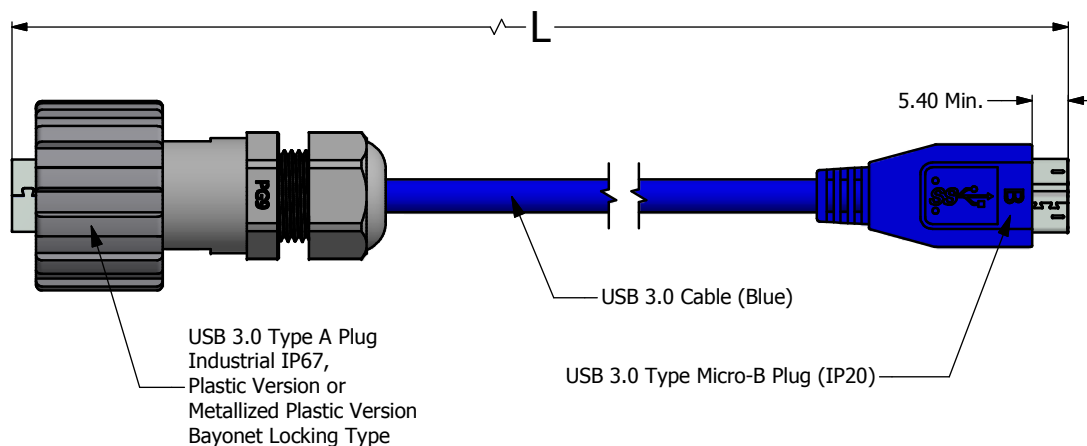
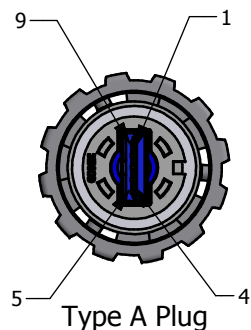


NOTES:

1. Electrical Specifications:

Meets USB 3.0 specifications

Low level Contact Resistance:

- 30 mOhm max for VBUS and GND Contacts

- 50 mOhm max for all other contacts

Insulation Resistance 1000 MOhm min.

Current Rating: 2A max. @ 25°C

DWV: 500V AC/60s Pin to Pin; 1000V AC/60s Pin to shell

Connector Operating Temperature: -40°C to +85°C

2. Material and Finish:

- Coupling Ring: Polyester (Black); or ABS, Nickel Plated, UL94 V-0

- Plug Housing: Polyester (Black); or ABS, Nickel Plated, UL94 V-0

- Interfacial Seal: Silicone, Color: White

- Cable Gland: PA (Black) or Brass, Nickel Plated

- Cable Gland Seal: NBR, Color: Black

- Cable Gland Insert (Metal Version): Nylon, Color: White

- USB Insulator: PBT, UL 94V-0, Color: Blue

- USB Metal Shell: SPCC, Nickel plated

③ - USB Contact: Copper Alloy, 15u" min. Au over 40 u" min. Nickel Plated

- USB Insulator: PBT +GF, UL94 V-0, Color: Blue

3. Cable: UL AWM 2725, 2 x (Shielded Twist Pair AWG28 + Drain Wire)

+ 2 x Unshielded AWG28 + 2 x AWG24 + Drain Wire, Overall Braid Shield;

Outer Jack PVC, OD: 6.0 mm Color: Blue

Pin Assignment

Type A	Wire Map	Micro-B
p1	----- Red	----- p1
p2	----- White	----- p2
P3	----- Green	----- P3
N/A	-----	P4
P4	----- Black	P5
P5	----- Blue	P6
P6	----- Yellow	P7
P7	---- Drain Wire --	P8
P8	----- Purple	P9
P9	----- Orange	P10
Shell	----- Braid	Shell

RoHS Compliant

L	Part Number	
	Plastic Version	Metallized Plastic Version
0.3 ± 0.03 m	17-240572	17-240652
0.5 ± 0.05 m	17-240582	17-240662
0.75 ± 0.05 m	17-240592	17-240672
1 ± 0.10 m	17-240602	17-240682
2 ± 0.10 m	17-240612	17-240692
3 ± 0.10 m	17-240622	17-240702

Customer:			Tolerance Unless otherwise specified		Autodesk Inventor	Scale: N/A	Dim. in
Name	Title	Approval Date	0 PLC	± 0.50		Material: See Notes	
			1 PLC	± 0.38			
			2 PLC	± 0.25		Title: USB Patch Cord USB 3.0 Type A Plug (IP67) to USB 3.0 Type Micro-B Plug (IP20)	
			3 PLC	± 0.10			
			ANGLES	± 3°		Drawing No.: 17K1A581	
c	2 x c	Nov/23/2017	Vincent Ke	D-old		Part No.: SEE P/N ABOVE	
b	1 x b	Aug/16/2017	Vincent Ke				
a	original					Sheet 1/1	
Rev.	Changes	Date	Name				

CONEC