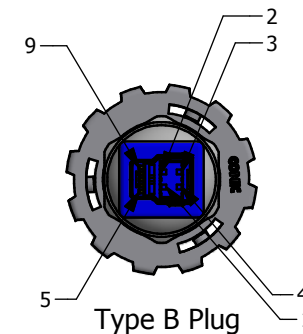
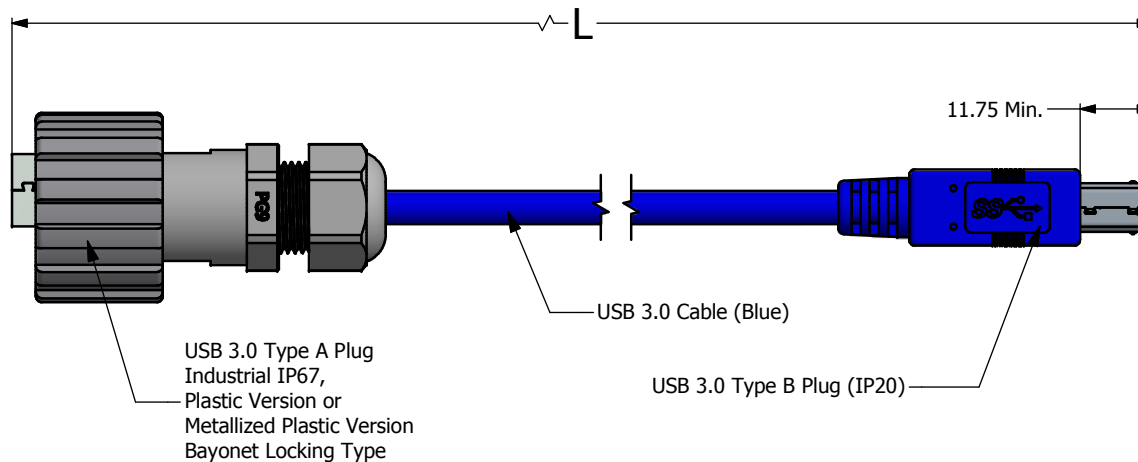
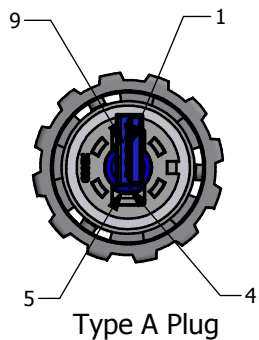




NOTES:

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
- USB Contact: Copper Alloy, 30 u" min. Au over 40 u" min. Nickel Plated
- USB Insulator: PBT +GF, UL94 V-0, Color: Blue
- 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

① Pin Assignment

Type A	Wire Map	Type B
p1	----- Red -----	p1
p2	----- White -----	p2
p3	----- Green -----	p3
p4	----- Black -----	p4
p5	----- Blue -----	p5
p6	----- Yellow -----	p6
p7	---- Drain Wire --	p7
p8	----- Purple -----	p8
p9	----- Orange -----	p9
Shell	----- Braid -----	Shell

①

L	Part Number	
	Plastic Version	Metallized Plastic Version
0.3 ± 0.03 m	17-240411	17-240491
0.5 ± 0.05 m	17-240421	17-240501
0.75 ± 0.05 m	17-240431	17-240511
1 ± 0.10 m	17-240441	17-240521
2 ± 0.10 m	17-240451	17-240531
3 ± 0.10 m	17-240461	17-240541

RoHS Compliant

Customer:			Tolerance Unless otherwise specified		Autodesk Inventor	Scale: N/A	Dim. in
			0 PLC ± 0.50	1 PLC ± 0.38			
Name			Date		Material: See Notes		
Title			2015		Title: USB Patch Cord		
Approval Date			Draw. Oct. 28		USB 3.0 Type A Plug (IP67)		
			Appd. Oct. 28		to USB 3.0 Type B Plug (IP20)		
			Norm		Drawing No.: 17K1A580		
			D-old		Part No.: SEE P/N ABOVE		
b 2 x b Aug/16/2017 Vincent Ke			CONEC®		DIN A3		
a original					Sheet 1/1		
Rev. Changes Date Name							