



Notes:

- 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
 - Operating Temperature: -40°C to +85°C
- Material and Finish:
 - Receptacle Housing and Cover: Polyester, UL94 V-0, Color: see P/N Table or ABS, Nickel Plated, UL94 V-0
 - Panel Nut: Brass, Finish: Nickel Plated
 - Panel and Cover Gasket: Silicon, Color: White
 - Tether: Polycarbonate, Color: Black
 - USB Plastic Housing: PBT + 15%GF, UL 94V-0, Color: Black
 - USB Contact Insulator: High Temperature PBT + GF, UL 94V-0, Color: Blue (Pantone 300C)
 - USB Metal Shell: SUS201 with 50u" min. Nickel plating all over
 - USB Contact Material: Copper Alloy
 - USB Contact Finish: 30u" min. Au over 50u" min. Nickel
- Connector can be front or rear mounted to a maximum panel thickness of 3.2 mm.
- IP67 & IP68 rated when covered or fully mated with the appropriated mating connector

Pin-Assignment

Type A F	Type A F
Pin1 -----	Pin1
Pin2 -----	Pin2
Pin3 -----	Pin3
Pin4 -----	Pin4
Pin5 -----	Pin8
Pin6 -----	Pin9
Pin7 -----	Pin7
Pin8 -----	Pin5
Pin9 -----	Pin6
Shell -----	Shell

RoHS Compliant

Description	Colored Plastic Receptacle Housing with USB 3.0 Type A F/F Adaptor with Black Plastic Cover Assembly						Metallized Version with Cover
	Black	Blue	Green	Yellow	Red	White	
Receptacle Housing Color	Black	Blue	Green	Yellow	Red	White	Nickel Plated
Part Number	17-241001	17-241011	17-241021	17-241031	17-241041	17-241051	17-241061

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	Name	Title	Approval Date	0 PLC ±0.50 1 PLC ±0.38 2 PLC ±0.25 3 PLC ±0.10 ANGLES ±3°				
				2016	Date	Name	Material: See Notes	
				Draw.	Mar. 03	Vincent Ke	Title: IP67 & IP68 USB3.0 Receptacle + Cover Assembly Kit with USB 3.0 Type A F/ F Adaptor	
			Appd.	Mar. 03	Thomas Koch	Drawing No.: 17K1A558		
						Part No.: SEE PART NUMBER TABLE		
						DIN A3		
						Sheet 1/1		



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