



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:
 - Coupling Ring and Plug Housing: Polyester (Black), UL94 V-0 or Metallized ABS (Nickel Plated), UL94 V-0
 - Interfacial Seal: Silicon, 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 Metal Shell: SPCC, Nickel Plated
 - USB Insulator: PBT, UL94 V-0, Blue
 - USB Contacts: Copper Alloy,
 - USB Contact Finish: 30 u" Gold min. over Nickel for mating area, Tin over Nickel for solder cup

- USB Type A Plug accepts AWG34 to AWG20 wires, Cable OD of 4.0 mm to 6.0 mm
- IP67 & IP68 rated when fully mated with the appropriate mating connecto

RoHS Compliant

| Description | Part Number |
|---|-------------|
| Plastic Version with Interfacial Seal | 17-241071 |
| Plastic Version without Interfacial Seal | 17-241081 |
| Metallized Plastic Version with Interfacial Seal | 17-241091 |
| Metallized Plastic Version without Interfacial Seal | 17-241101 |

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| THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY MANNER AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC CORPORATION. | Customer: | | | Tolerance Unless otherwise specified 0 PLC ±0.50 1 PLC ±0.38 2 PLC ±0.25 3 PLC ±0.10 ANGLES ±3° | | Scale: N/A | Dim. in mm |
| | Name | Title | Approval Date | | | Material: See Notes | |
| | 2015 | Date | Name | | | Title: IP67 USB3.0 | |
| | Draw. Oct. 28 | Vincent Ke | USB cable Strain Relief Assembly Kit with Solder Cup USB3.0 Type A Plug | | | | |
| Appd. Oct. 28 | Thomas Koch | Norm | | Drawing No.: 17K1A559 | | | |
| D-old | Rev. Changes | | Date | Name | Part No.: SEE PART NUMBER TABLE | DIN A3 Sheet 1/1 | |



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