



**NOTES:**

**1. Electrical Specifications:**

- Meets USB 2.0 specifications
- Low level Contact Resistance: 30 mOhm max.
- Insulation Resistance 1000 MOhm min.
- Currant Rating: 1.5 A max. @ 25°C
- DWV: 500 VAC/60s at sea level
- Operating Temperature: -40°C to +80°C

**2. Material and Finish:**

- Coupling Ring: Polyester (Black); UL94 V-0
- Plug Housing: Polyester (Black); UL94 V-0
- Interfacial Seal: Silicone, Color: White
- Cable Gland: PA (Black); UL94 V-0
- Cable Gland Seal: NBR, Color: Black
- USB Insulator: PBT, UL 94V-0, Color: White
- USB Overmold: PVC, UL94 V-0, Color: Black
- USB Metal Shell: SPCC. Nickel plated
- USB Contact: Copper Alloy, 30 u" min. Au over 40 u" min. Nickel Plated

**3. Shielded USB Cable Configuration**

**AWM 2725 AWG28/1p + AWG24/2c, OD: 4.5 mm Color: black**

**4. RoHS compliant**

Directive 2002/95/EC  
"RoHS"  
Compliant

| Cable Length L | Part Number |
|----------------|-------------|
| 2 m            | 17-200181   |
| 3 m            | 17-200191   |
| 4.5 m          | 17-200211   |

|   |           |          |               |   |               |       |                   |                     |  |
|---|-----------|----------|---------------|---|---------------|-------|-------------------|---------------------|--|
| THIS DRAWING MAY NOT BE COPIED, OR REPRODUCED IN ANY WAY AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC CORPORATION<br><br><b>DOT NOT ALTER CAD DRAWING BY HAND</b> | Customer: |          |               | Tolerance<br>Unless otherwise specified |               |       | Scale: 1.5:1      | Dim. in m           |  |
|   | Name      | Title    | Approval Date | 0 PLC ±0.30                             | 1 PLC ±0.20   |       | Autodesk Inventor | Material: See Notes |  |
|   |           |          |               | 2 PLC ±0.10                             | 3 PLC ±0.05   | 2008  |                   | Date                | Name   |
|   |           |          |               | ANGLES ±1°                              |               | Draw. | Sept 23           | Vincent Ke          |  |
|   |           |          |               |   |               | Appd. | Sept 23           | J. chaudry          |  |
|   |           |          |               |   |               | Norm  |                   |                     | Drawing No.: 17K1A105<br>Part No.: SEE P/N ABOVE |
|   |           |          |               |   |               | D-old |                   |                     |  |
|   | b         |          | Jan/19/2009   | Vincent ke                              |               |       |                   |                     | DIN A3   |
|   | a         | original |               |   |               |       |                   |                     | Sheet 1/1  |
|   | Rev.      | Changes  | Date          | Name                                    | <b>CONEC®</b> |       |                   |                     |  |