



- Notes:**
- Electrical Specifications:
    - Meets EIA/TIA-568-B.2 Cat.5e Specification
    - Contact Resistance: 20mOhm max.
    - Insulation Resistance: 500MOhm min. @ 100 VDC
    - Current Rating: 1.2A max. at 25° C
    - Working Voltage: 100 VDC
    - DWV: 1000 VDC/60s Contact to Contact, 1500 VDC/60s Contact to Metal Shell
    - Operating Temperature: -40° C to +85° C
  - Material and Finish:
    - Receptacle Housing: Polyester (Black) or Metallized ABS (Nickel Plated); UL94 V-0
    - Cover Coupling Ring: Polyester (Black) or Metallized ABS (Nickel Plated); UL94 V-0
    - Panel Nut: Brass, Finish: Nickel Plated
    - Panel Gasket: Silicone, Color: White
    - Cover Gasket: Silicone, Color: Red
    - Tether: Polycarbonate, Color: Black
    - RJ45 Jack Metal Shell: Copper Alloy, Nickel Plated
    - RJ45 Jack Plastic Housing: Glass filled PBT UL94 V-0, Color: Black
    - RJ45 Jack Contacts: Phosphor Bronze, Finish: 50u" Gold min. over Nickel
  - Connector can be front or rear mounted to a maximum panel thickness of 3.2mm.
  - RoHS compliant

Directive 2002/95/EC  
"RoHS"  
Compliant

| Description   | Part Number |
|---|-------------|
| Plastic Version with Shielded RJ45 Inline Coupler with Cover            | 17-10000    |
| Plastic Version with Unshielded RJ45 Inline Coupler with Cover          | 17-10020    |
| Metallized Plastic Version with Shielded RJ45 Inline Coupler with Cover | 17-10011    |

|  |           |            |   |  |        |                         |  |  |
|--|-----------|------------|---|--|--------|-------------------------|--|--|
| THIS DRAWING AND THESE DIMENSIONS ARE PRELIMINARY. THEY ARE SUBJECT TO CHANGE WITHOUT NOTICE. ANY DIMENSIONS SHOWN IN ANY WAY AND MAY NOT BE PASSED ON TO THIRD PARTIES WITHOUT THE EXPRESS WRITTEN PERMISSION OF CONEC CORPORATION.<br><br>DO NOT ALTER CAD DRAWING BY HAND | Customer: |            | Tolerance<br>Unless otherwise specified |  |        | Scale: 1:2:1            | Dim. in mm   |  |
|  | Name      | Title      | Approval Date                           | 0 PLC ±0.10<br>1 PLC ±0.38<br>2 PLC ±0.51<br>3 PLC ±0.10<br>ANGLES ±3° |        | Autodesk Inventor       | Material: See Notes  |  |
|  | e         | Jan/28/08  | Vincent Ke                              | Appd.  | Oct 24 | J. Chaudry              | <b>Receptacle &amp; Cover Assembly Kit</b><br>Industrial Ethernet Connector (IP67)<br>with Cat. 5e RJ45 Inline Coupler |  |
|  | d         | Sept/18/07 | Vincent Ke                              | Norm   |        |                         |  |  |
| c  | May/15/07 | Vincent Ke | D-old                                   |  |        | Drawing No.: 39K1A203   | DIN A3   |  |
| b  | Mar/08/07 | Vincent Ke |   |  |        | Part No.: SEE P/N ABOVE | Sheet 1/1  |  |
| a  | origin    |            |   |  |        |                         |  |  |
| Rev.   | Changes   | Date       | Name                                    | <b>CONEC</b>   |        |                         |  |  |