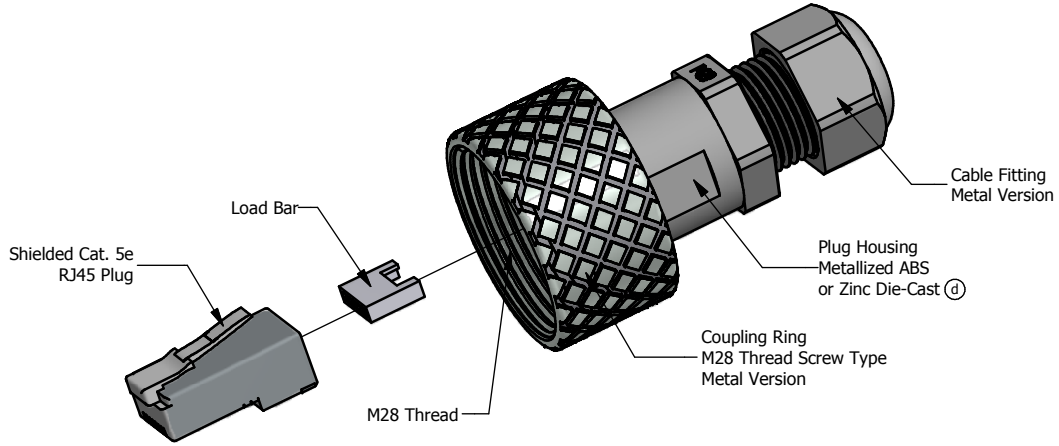

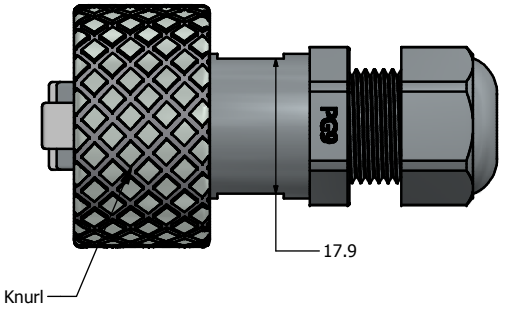

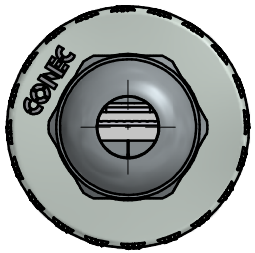

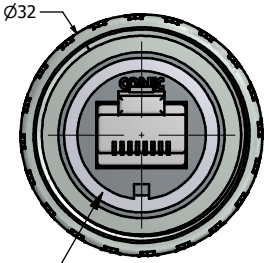

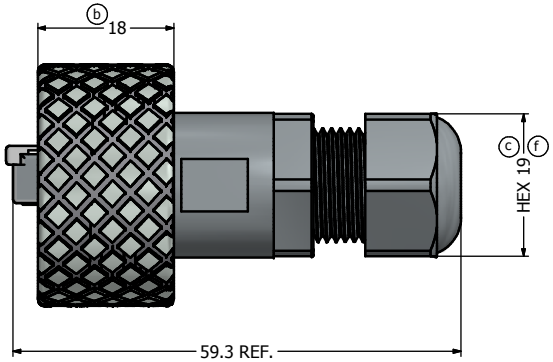

Notes:

1. 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
2. Material and Finish:
   - Metal Coupling Ring: Brass, Nickel Plated
   - Plug Housing: Metallized ABS, UL94 V-0, or Zinc Die-Cast, Nickel Plated
   - Interfacial Seal: Silicon, Color: White
   - Cable Fitting: Brass, Nickel Plated
   - Cable Fitting Rubber Ring: NBR, Color: Black
   - RJ45 Plug Metal Shell: Copper Alloy, Nickel Plated
   - (e) - RJ45 Plug Plastic Housing: Clear Polycarbonate UL94 V-2
   - RJ45 Plug Contacts: Phosphor Bronze, Finish: 50u" Gold min. over Nickel
3. RJ45 Plug accepts both Stranded and Solid wires with Cable Outer Diameter of 4.83mm to 6.73mm
4. Cable Gland accepts Cable Outer Diameter Range of 4.5mm to 8mm
5. IP67 rated when fully mated with appropriate mating connector

Directive 2002/95/EC RoHS Compliant

Plug Housing Material and Finish	Part Number
Metallized ABS, Nickel Plated	17-100944
Zinc Die-Cast, Nickel Plated	17-103274

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DOT NOT ALTER CAD DRAWING BY HAND

Customer:

Name	Title	Approval Date

Rev.	Changes	Date	Name
f	1 x f	Jun/23/2014	Vincent Ke
e	1 x e	Jul/06/2011	Vincent ke
d	1 x d	Mar/31/2011	Vincent Ke
c	1 x c	Nov/26/2009	Vincent Ke
b	1 x b	Jun/01/2009	Vincent Ke
a	original		

Tolerance
Unless otherwise specified
0 PLC ± 0.50
1 PLC ± 0.38
2 PLC ± 0.25
3 PLC ± 0.10
ANGLES ± 3˚

2007	Date	Name
Draw.	Oct. 06	Vincent Ke
Appd.	Oct. 06	J. Chaudry
Norm		
D-old		

Autodesk Inventor

CONEC®

Scale: 1.5:1 | Dim. in mm

Material: See Notes

Title: RJ45 Plug Kit (Metal Version)
Industrial Ethernet Connector
with shielded Cat. 5e RJ45 Plug

Drawing No.: 17K1A110 | DIN A3

Part No.: SEE PART NUMBER ABOVE | Sheet 1/1

Mouser Electronics

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