



**Notes:**

- Electrical Specifications:
  - Meets EIA/TIA-568-B.2-10 Cat.6A Channel 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:
  - M28 Thread 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
  - Cat.6A RJ45 Plug Metal Shell: Copper Alloy, Nickel Plated
  - Cat.6A RJ45 Plug Plastic Housing: Clear Polycarbonate UL94 V-2
  - Cat.6A RJ45 Plug Contacts: Phosphor Bronze, Finish: 50u" Gold min. over Nickel
- Cat.6A RJ45 Plug accepts both Stranded and Solid wires with Cable Outer Diameter of 4.83mm to 6.73mm
- Cable Gland accepts Cable Outer Diameter Range of 4.5mm to 8mm
- RoHS compliant
- IP67 rated when fully mated with appropriate mating connector

Directive 2002/95/EC RoHS Compliant

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. <b>DO NOT ALTER CAD DRAWING BY HAND</b>	Customer:			Tolerance Unless otherwise specified			Scale: NTS	Dim. in mm	
	Name	Title	Approval Date	0 PLC ±0.50	1 PLC ±0.38		Material: See Notes		
				2 PLC ±0.25	3 PLC ±0.10	Title: RJ45 Plug Kit with shielded Cat. 6A RJ45 Plug M28 Thread Metal Version			
				ANGLES ±3	2011	Date	Name	Drawing No.: 17K1A270	
					Draw.	Jul. 06	Vincent Ke	Part No.: 17-150274	
					Appd.	Jul. 06	J. Chaudry	DIN A3	
					Norm			Sheet 1/1	
					D-old				
		a	original						
	Rev.	Changes	Date	Name					