



## 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. RoHS compliant
6. 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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	Name	Title	Approval Date			Material: See Notes	
						Title: RJ45 Plug Kit (Metal Version)	
						Industrial Ethernet Connector with shielded Cat. 5e RJ45 Plug	
						Drawing No.: 17K1A110	
Rev. Changes			Date	Name	Part No.: SEE PART NUMBER ABOVE		DIN A3 Sheet 1/1

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