



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
- Ⓢ - 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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	Name	Title	Approval Date	2007	Date		Name	Material: See Notes	
	f	1 x f	Jun/23/2014	Vincent Ke	Draw.	Oct. 06	Vincent Ke	Title: RJ45 Plug Kit (Metal Version) Industrial Ethernet Connector with shielded Cat. 5e RJ45 Plug	
	e	1 x e	Jul/06/2011	Vincent ke	Appd.	Oct. 06	J. Chaudry		
	d	1 x d	Mar/31/2011	Vincent Ke	Norm			Drawing No.: 17K1A110	
c	1 x c	Nov/26/2009	Vincent Ke	D-old					
b	1 x b	Jun/01/2009	Vincent Ke				Part No.: SEE PART NUMBER ABOVE		
a	original								
Rev.	Changes	Date	Name			DIN A3 Sheet 1/1			

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