



**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:
  - Plug Coupling Ring and Housing: Polyester (Black) or Metallized ABS, UL94 V-0 (Nickel Plated) or Zinc Die-cast (Nickel Plated) ;
  - Interfacial Seal: Silicone, Color: White
  - Cable Fitting: PA (Black), UL94 V-0 or 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-0
  - RJ45 Plug Contacts: Phosphor Bronze, Finish: 50u" Gold min. over Nickel
- RJ45 Plug accepts both Stranded and Solid Cables with Outer Diameter of 4.83mm to 6.73mm
- Plastic Version Cable Fitting accepts Cable Outer Diameter Range of 4mm to 8mm
- Metal Version Cable Gland accepts Cable Outer Diameter Range of 4.5mm to 8mm
- RoHS compliant

Directive 2002/95/EC  
"RoHS"  
Compliant

Version	"A"	Part Number
Plastic Version	18.9mm REF.	17-10001
Metallized Plastic Version	17.9mm REF.	17-10013
Zinc Die-cast Version	17.9mm REF.	17-10044

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	Name	Title	Approval Date	0 PLC ±0.50	1 PLC ±0.38		Autodesk Inventor	Material: See Notes
				2 PLC ±0.25	3 PLC ±0.10	2006 Date Name Draw. Oct 24 Vincent Ke Appd. Oct 24 J. Chaudry	Title: RJ45 Plug Kit	
	e	Oct/25/07	Vincent Ke	ANGLES ±3°		Norm	Industrial Ethernet Connector (IP67) with shielded Cat. 5e RJ45 Plug	
	d	Jun/18/07	Vincent Ke			D-old	Drawing No.: 39K1A204	
c	May/15/07	Vincent ke				Part No.: SEE P/N ABOVE		
b	Mar/08/07	Vincent ke						
a	origin							
Rev.	Changes	Date	Name				DIN A3	
							Sheet 1/1	