



## Notes:

Key Protrusion

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:
  - Coupling Ring and Plug Housing: 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 Cables with Outer Diameter of 4.83mm to 6.73mm
4. Metal Cable Gland accepts Cable Outer Diameter Range of 4.5mm to 8mm
5. IP67 rated when fully mated with the appropriate mating connector
6. RoHS compliant

THIS DRAWING MAY NOT BE COPIED OR  
REPRODUCED IN ANY WAY, AND MAY NOT  
BE PASSED ON TO A THIRD PARTY WITHOUT  
THE WRITTEN CONSENT OF THE OWNER.

				Tolerance Unless otherwise specified 0 PLC: $\pm 0.50$ 1 PLC: $\pm 0.30$ 2 PLC: $\pm 0.25$ 3 PLC: $\pm 0.10$ ANGLES $\pm 3^\circ$		 dim. in mm	scale:	2:1	
							material:	See Notes	
<b>DO NOT ALTER CAD DRAWING BY HAND</b>				date	name		title: RJ45 Plug Kit with shielded Cat. 5e RJ45 Plug Nickel plated Zinc Die-Cast Version RJ45-Steckerset mit geschirmtem Cat. 5e RJ45-Stecker Vernickelte Zinkdruckgussversion		
				drawn	07.12.2009				
				appd.	07.12.2009				
				norm					
				d-old					
		e	07.08.2025	JLE					
rev.	description	date	name				dwg no:	DIN-A3	
							17K1A147	sh: 1	
							part no:	17-101794	

**Amphenol**  
—**CONEC**