

1 2 3 4 5 6 7 8 9 10

A

B

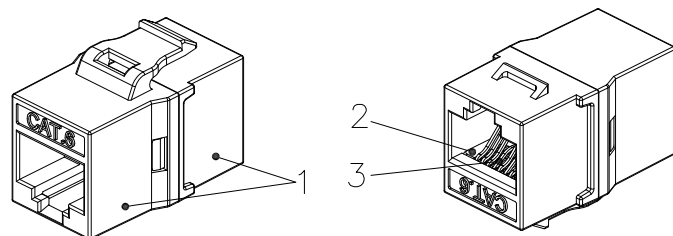
C

D

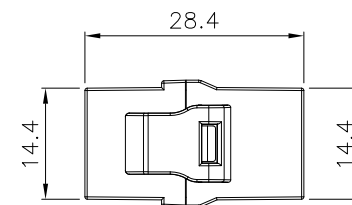
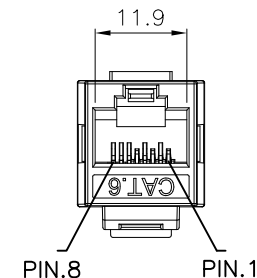
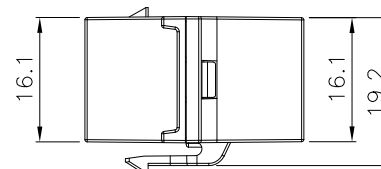
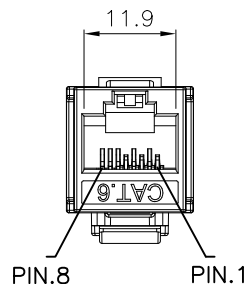
E

F

G



SCALE 1/1



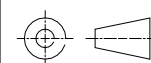
Specification :

Material :

1. Plastic Housing : ABS+PC, UL94V-0, with optional color.
2. Contact bracket : PBT+Glass Fiber, UL94V-0, with black color.
3. RJ45 jack contacts :
 - 3-1. Material : Phosphor bronze with nickel plating.
 - 3-2. Gold plating : 50 micro-inch gold plating on surface of plug contact area.
4. PCB : FR4, UL94V-0.

Features & performance :

- a. Compliant with the ANSI/TIA-568.2-D Cat.6 requirement.
 - b. Compliant with the IEC60603-7 dimension & reliability requirement.
 - c. Life (Mating cycles): Min. 750 cycles.
 - d. Mating & un-mating force: Max. 20 N.
 - e. Retention strength: 7.7 kg between jack & plug.
 - f. Operating temperature: -10°C to +60°C.
- Note: The mated plug should compliant with the IEC60603-7 requirement.



UNIT: mm

TITLE: C6 UTP In-line Coupler KJ Type

DATE:	AUG-6-2024	DESIGNED:	
DRAW NO.:	01	APPROVED:	
SCALE:	1/1		
REV:	1-0		
TOLERANCE:	±0.20	SHEET:	1/1