

Drawing Number:P8-099  
Specification :

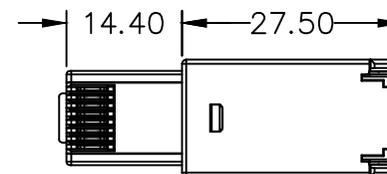
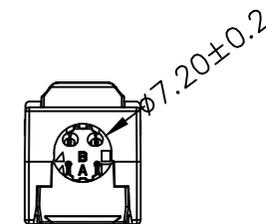
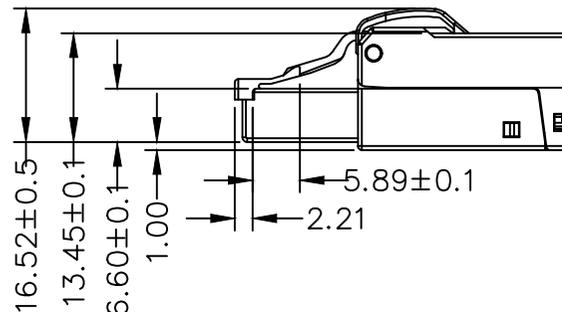
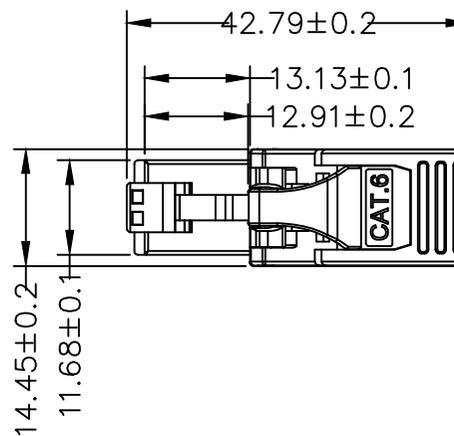
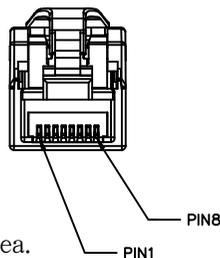
SCALE 1/1

Material :

1. Extractor : PC, UL 94V-2, black color.
2. Housing : PC, UL 94V-2, black color.
3. RJ45 plug :
  - 3-1. Housing : PC, UL 94V-2, black color.
  - 3-2. Contact material : Phosphor bronze with 100 micro-inch nickel plated.
  - 3-3. Contact finish : Min. 50 micro-inch gold plated on surface contact area.
4. Cover : PC, UL 94V-2, black color.
5. Wire management bar : PC, UL 94-V2, white color .
6. IDC :
  - 6-1. Housing : PC, UL 94-V2, white color.
  - 6-2. Terminal : Copper Alloy with tin plated.
7. Clamp : PC, UL 94V-2, black color.
8. PCB, UL 94-V0.

Performance :

- a. T568A & T568B wiring.
- b. Insertion force : 20N max. (IEC 60603-7-4).
- c. Retention strength : 7.7 kg between jack and plug.
- d. Operating temperature : -10°C to 60°C. (ISO/IEC 11801, ANSI/TIA 568 C.2).
- e. Life(mating cycles) :
  - e-1. 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4).
  - e-2. IDC : Suitable for 23-26AWG stranded and solid wire, min. 20 installation cycles.
- f. The Cat.6 transmission performance is in complied with the ANSI/TIA 568.2-D requirement.
- g. Suitable for cable jacket OD : 4.5-7.5mm.
- h. The mated jack should complied with IEC60603-7 and TIA-1096 Chapter 4 and 5 requirement.



|     |                    |       |     |          |       |      |            |                                  |        |
|-----|--------------------|-------|-----|----------|-------|------|------------|----------------------------------|--------|
|     |                    | 3RD   | ⊗   | Drawing  | Chidy | Date | 2022/07/18 | Part.NO                          | P8-099 |
| A   | An initial version | Unit  | m/m | Checked  | Chris | Date | 2022/07/18 | Description                      |        |
| Rev | Description        | Scale | 1:1 | Approved | Jason | Date | 2022/07/18 | CAT.6 UTP field termination plug |        |



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