

Drawing Number:P8-084

Specification :

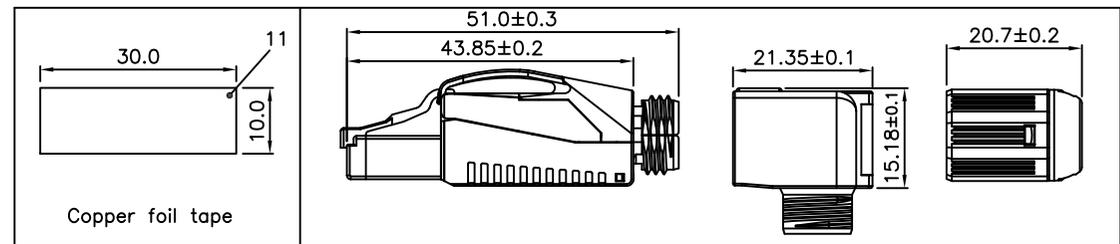
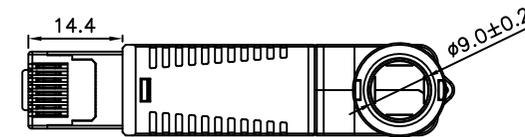
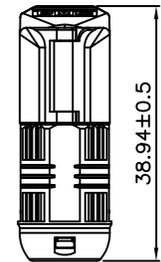
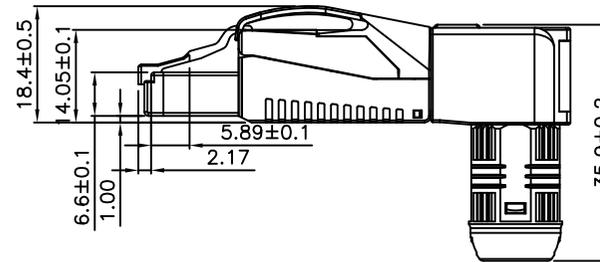
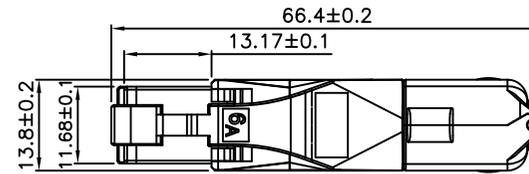
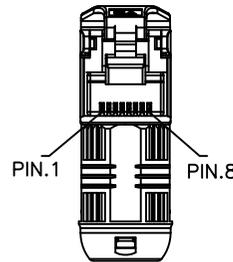
SCALE 1/1

Material :

1. Extractor : PC, UL 94V-2, Coffee color(Pantone 491C).
2. Housing : Zinc die-Casting with nickel plated.
3. RJ45 plug :
  - 3-1. Housing : PC, UL 94V-2, Transparent red color(Pantone 1935C).
  - 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 : Zinc die-casting with nickel plated.
5. Wire management bar : PC, white color, UL 94-V2.
6. IDC :
  - 6-1. Housing : PC, white color, UL 94-V2.
  - 6-2. Terminal : Titanium copper with tin plated.
7. Grounding contact : Zinc die-casting with nickel plated.
8. Boot :
  - 8-1. Housing : Zinc die-casting with nickel plated.
  - 8-2. SR : PC, UL 94-V2, transparent color.
  - 8-3. CAP : PC, UL 94V-2, black color.
9. Angle cap : Zinc die-casting with nickel plated.
10. PCB, UL 94-V0.
11. Copper foil tape.
12. Dust cap : PE, black color.

Performance :

- a. T568A & T568B wiring.
- b. Insertion force : 30N max. (IEC 60603-7-5).
- 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 60603-7-5).
  - e-2. IDC : Suitable for 23-26AWG stranded and solid wire  
(Insulation Diameter : 0.91-1.31mm), min. 20 installation cycles.
- f. Suitable for cable jacket OD : 6.0-7.5mm.
- g. the mated plug should complied with IEC60603-7 and TIA-1096 Chapter 4 and 5 requirement



C	2020.09.03. Revised Date	3RD		Drawing	Chidy	Date	2018/07/02	UL Code	TL8P8C
A	An initial version	Unit	m/m	Checked	Chris	Date	2018/07/02	Description	
Rev	Description	Scale	1:1	Approved	Jason	Date	2018/07/02	CAT.6A full shielded field termination plug	



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