

## Specification :

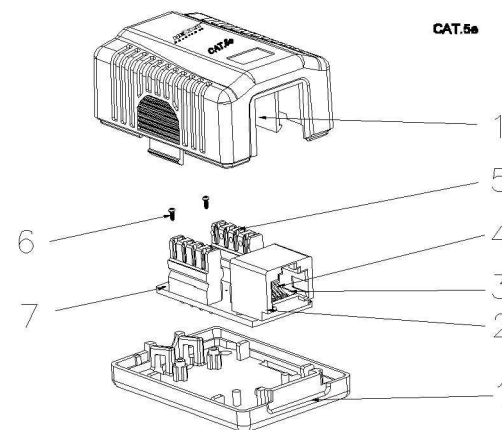
### Material :

1. Case : ABS, UL 94V-0.
2. RJ45 Jack Housing : PBT+Glass Fiber, UL 94V-0, Black color.
3. RJ45 Jack Bracket Set : PBT+Glass Fiber, UL 94V-0, Black color.
4. RJ45 Jack Contact & Finished :
  - 4-1. Material : Phosphor Bronze with Nickel plated.
  - 4-2. Finish : 50 micro-inch Gold plated on Plug contact area.
5. IDC :
  - 5-1. IDC Housing : PC+Glass Fiber, UL 94V-2.
  - 5-2. IDC Terminal : Phosphor Bronze with Tin plated.
6. Screw : M2.0x6.0xØ3.3mm.
7. PCB : FR4, UL94V-0

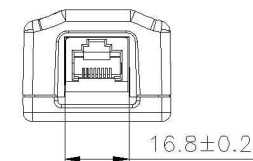
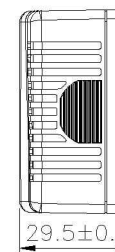
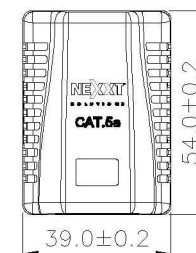
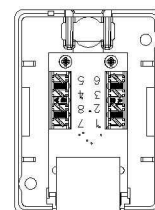
### Performance :

- a. T568A & T568B wiring printing on IDC.
- 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/EIA 568 C.2)
- e. Life(mating cycles) :
  - \*Jack : 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4).
  - \*IDC : Suitable for 22-26 AWG stranded and solid wire, compatible with both 110 & Krone punch down tools.
- f. The Cat.5e transmission performance is in compliance with the ANSI/TIA/EIA 568 C.2 standard. 568C.2

Case Color White



SCALE 1/2



|                                              |        |                                                                                       |     |
|----------------------------------------------|--------|---------------------------------------------------------------------------------------|-----|
|                                              |        |  |     |
| DATE: JUN 2014<br>DRAWING: ZARRAGA           |        |                                                                                       |     |
| ITEM N°: AE180NXT03                          |        |                                                                                       |     |
| DES : SINGLE SURFACE MOUNT RJ45<br>CAT 5e WH |        |                                                                                       |     |
| SHEET                                        | 1 OF 1 | SCALE                                                                                 | 1:2 |