

A

B

C

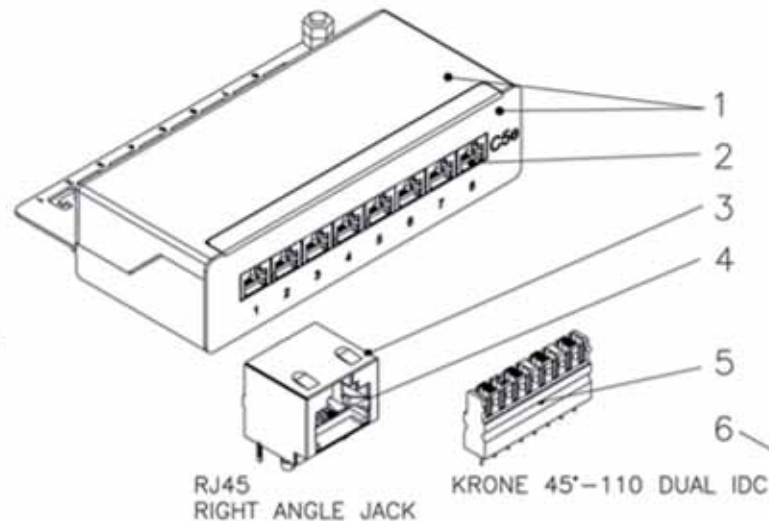
D

A

B

C

D



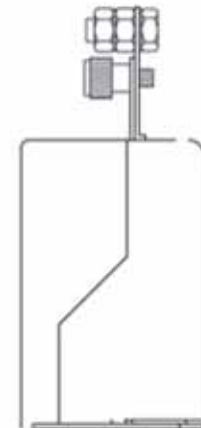
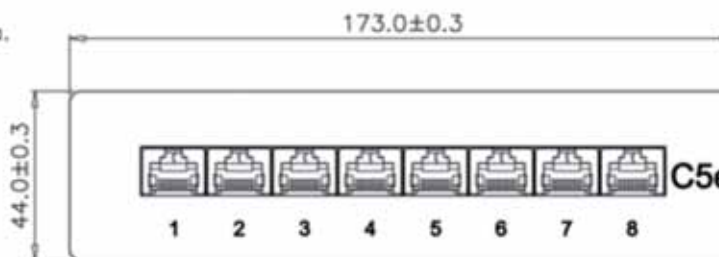
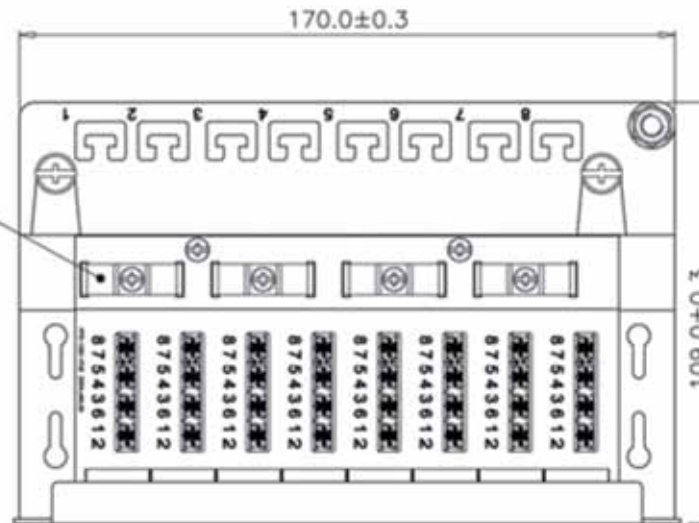
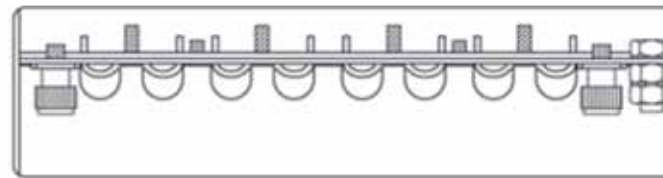
Specification : SCALE 1/4

#### Material :

1. Panel : SECC, 1.2mm thickness With optional color painted.
2. RJ45 Jack :
  - 2-1. Housing : PBT+Glass Fiber, UL 94V-0.
  - 2-2. Contact Bracket : PBT+Glass Fiber, UL 94V-0
3. RJ45 Jack Shield : Bronze white Nickel painted.
4. RJ45 Jack Contact :
  - 4-1. Material : Phosphor Bronze with Nickel plated.
  - 4-2. Finish : 50 micro-inch Gold plated on Plug contact area.
5. IDC :
  - 5-1. Housing : PC+Glass Fiber, UL 94V-2.
  - 5-2. Terminal : Phosphor Bronze with Tin plated.
6. Cable Clip : SPCC with Nickel plated.
7. PCB : FR4, UL 94V-0.

#### 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/EIA 568 B.2)
- e. Life(mating cycles) :
  - \* Jack : 750 cycles min. (ISO/IEC 11801, IEC 60603-7-5)
  - \* 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 B.2 standard.



GENERAL  
TOLERANCE  
OF DIMENSIONS  
X.XXX ±0.005  
X.XX ±0.05  
X.X ±0.1

|                        |             |                                |              |
|------------------------|-------------|--------------------------------|--------------|
| DRAWING                | 15.SEP.2010 | QIQI                           | <b>AC</b>    |
| CHECK                  | 15.SEP.2010 | JANE                           |              |
| APPROVAL               | 15.SEP.2010 | JAIMEY                         |              |
| DATE                   |             | NAME                           | FA5001       |
| SCALE                  | 1/2 (A4)    | UNIT                           | mm           |
| DRAWING NO.            |             | DES.: CAT.5E FULL SHIELDED BOX |              |
| DRAWING CLASSIFICATION |             | S                              | SHEET 1 OF 1 |
|                        |             | A2                             |              |

1

2

0

3

4

10cm

5

6

A

B

C

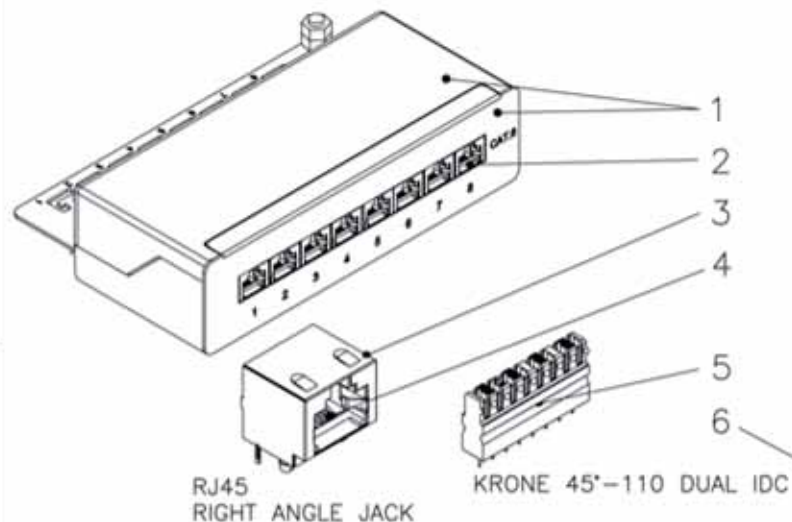
D

A

B

C

D



SCALE 1/4

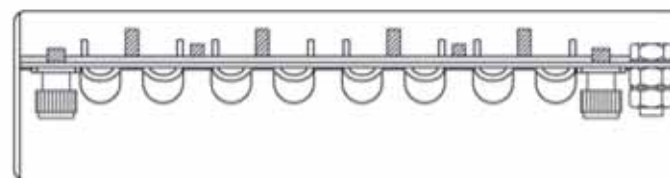
## Specification :

## Material :

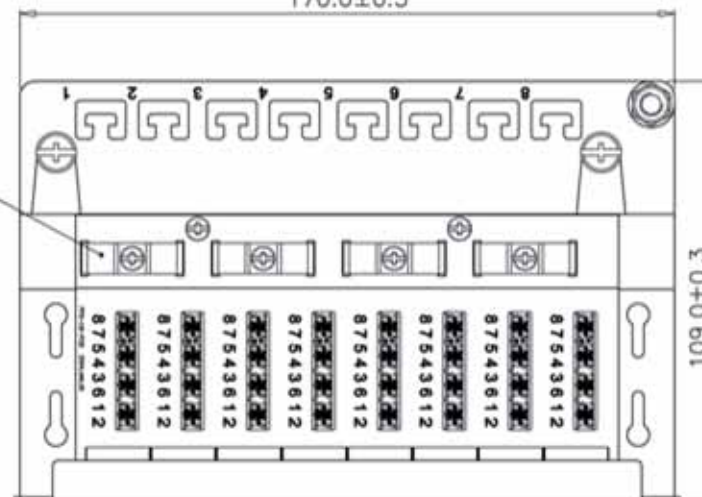
1. Panel : SECC, 1.2mm thickness With optional color painted.
2. RJ45 Jack :
  - 2-1. Housing : PBT+Glass Fiber, UL 94V-0.
  - 2-2. Contact Bracket : PBT+Glass Fiber, UL 94V-0.
3. RJ45 Jack Shield : Bronze white Nickel painted.
4. RJ45 Jack Contact :
  - 4-1. Material : Phosphor Bronze with Nickel plated.
  - 4-2. Finish : 50 micro-inch Gold plated on Plug contact area.
5. IDC :
  - 5-1. Housing : PC+Glass Fiber, UL 94V-2.
  - 5-2. Terminal : Phosphor Bronze with Tin plated.
6. Cable Clip : SPCC with Nickel plated.
7. PCB : FR4, UL 94V-0.

## Performance :

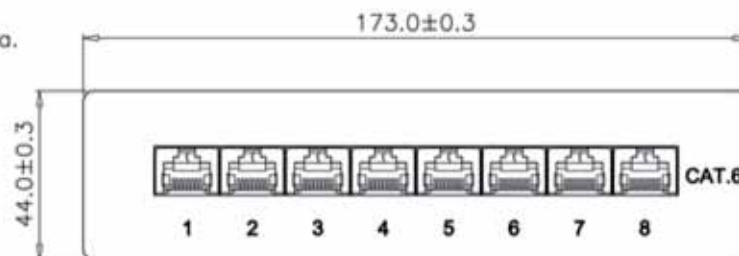
- a. T568A & T568B wiring.
- b. Insertion force : 30N max. (IEC 60603-7-5)
- c. Retention strength : 7.7 kg between Jack and Plug.
- d. Operating temperature : -10°C to 60°C. (ISO/IEC 11801, ANSI/TIA/EIA 568 B.2)
- e. Life(mating cycles) :
  - \* Jack : 750 cycles min. (ISO/IEC 11801, IEC 60603-7-5)
  - \* IDC : Suitable for 22-26 AWG stranded and solid wire, compatible with both 110 & Krone punch down tools.
- f. The Cat.6 transmission performance is in compliance with the ANSI/TIA/EIA 568 B.2-1 standard.



170.0±0.3



109.0±0.3



173.0±0.3

44.0±0.3

GENERAL  
TOLERANCE  
OF DIMENSIONS  
X.XXX ±0.005  
X.XX ±0.05  
X.X ±0.1

|                        |             |                               |              |
|------------------------|-------------|-------------------------------|--------------|
| DRAWING                | 15.SEP.2010 | QIQI                          | <b>ACE</b>   |
| CHECK                  | 15.SEP.2010 | JANE                          |              |
| APPROVAL               | 15.SEP.2010 | JAIMEY                        |              |
| DATE                   |             | NAME                          | FA6001       |
| SCALE                  | 1/2 (A4)    | UNIT                          | mm           |
| DRAWING NO.            |             | DES.: CAT.6 FULL SHIELDED BOX |              |
| DRAWING CLASSIFICATION |             | S                             | SHEET 1 OF 1 |



1

2

0

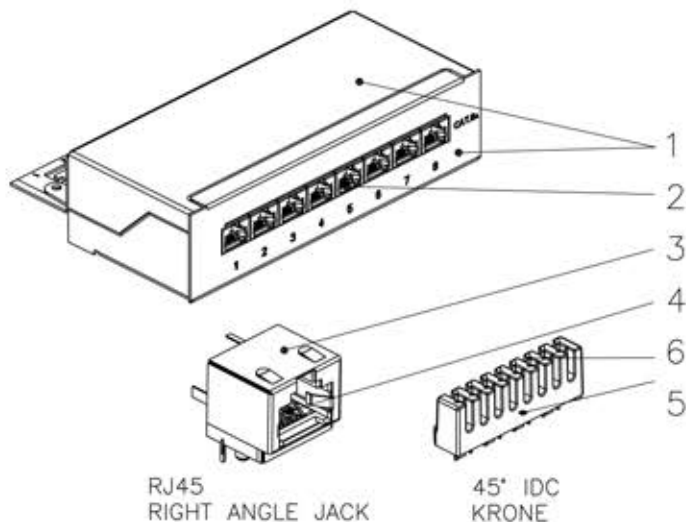
3

4

10cm

5

6



RJ45  
RIGHT ANGLE JACK

45° IDC  
KRONE

SCALE 1/3

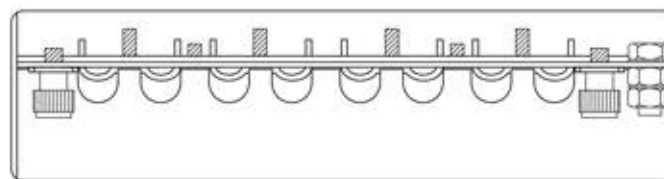
## Specification :

### Material :

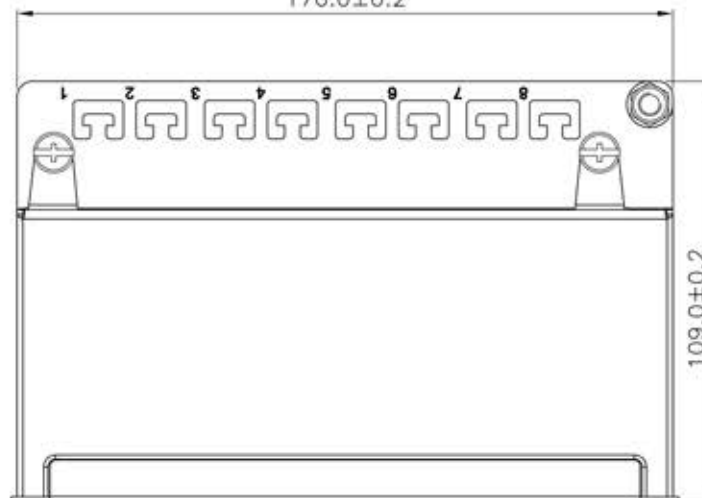
1. Panel : SECC, 1.2mm thickness With optional color painted.
2. RJ45 Jack :
  - 2-1. Housing : PBT+Glass Fiber, UL 94V-0.
  - 2-2. Contact Bracket : PBT+Glass Fiber, UL 94V-0.
3. RJ45 Jack Shield : Bronze white Nickel painted.
4. RJ45 Jack Contact :
  - 4-1. Material : Phosphor Bronze with Nickel plated.
  - 4-2. Finish : 50 micro-inch Gold plated on Plug contact area.
5. IDC :
  - 5-1. Housing : PC+Glass Fiber, UL 94V-2.
  - 5-2. Terminal : Phosphor Bronze with Tin plated.
6. Cable Clip : SPCC with Nickel plated.
7. PCB : FR4, UL 94V-0.

### Performance :

- a. T568A & T568B wiring sticker on PCB.
- 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) :
  - \* Jack : 750 cycles min. (ISO/IEC 11801, IEC 60603-7-5)
  - \* IDC : Suitable for 22-26 AWG stranded and solid wire, compatible with Krone punch down tool.
- f. The CAT.6A channel transmission performance is in compliance with TIA/EIA 568C.2 & ISO/IEC 11801 standard.



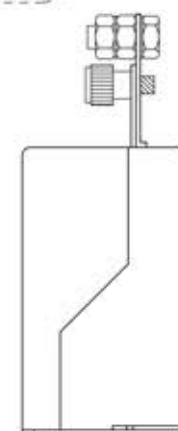
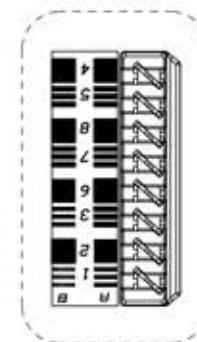
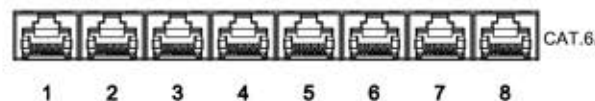
170.0±0.2



109.0±0.2

173.0±0.2

44.0±0.2



(1)X : Patch Panel color  
01=Black(RAL9005).

|                                                                                 |          |                        |        |                                |
|---------------------------------------------------------------------------------|----------|------------------------|--------|--------------------------------|
| GENERAL<br>TOLERANCE<br>OF DIMENSIONS<br>X.XXX ±0.005<br>X.XX ±0.05<br>X.X ±0.1 | DRAWING  | 17.JUN.2011            | WENJUN |                                |
|                                                                                 | CHECK    | 17.JUN.2011            | JANE   |                                |
|                                                                                 | APPROVAL | 17.JUN.2011            | JAIRY  |                                |
|                                                                                 | DATE     | NAME                   | FA7001 |                                |
| SCALE                                                                           | 1/2 (A4) | UNIT                   | mm     | DES.: CAT.6A FULL SHIELDED BOX |
| DRAWING NO.                                                                     |          | DRAWING CLASSIFICATION |        |                                |
| DRAWING CLASSIFICATION                                                          |          | S                      | SHEET  | 1 OF 1                         |
|                                                                                 |          | A2                     |        |                                |