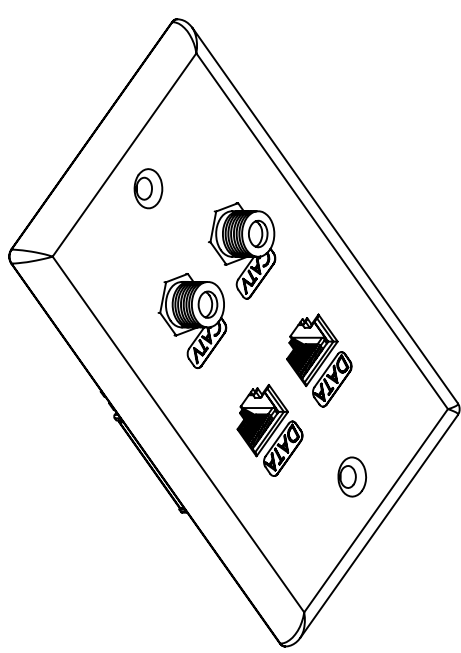


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | DATE | APPROVED |
|           | A   |             |      |          |



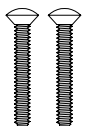
Cat 5e  
UL CERTIFIED



US LISTED

ACCORDING TO TIA/EIA-568-B-2  
REQUIREMENTS  
FILE NO. E145249

**ENCLOSURE PARTS:**



K4 6 X 25mm SCREW X 2

**MATERIAL**

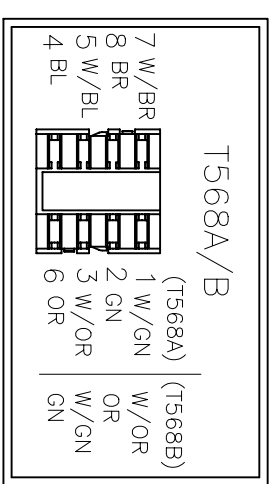
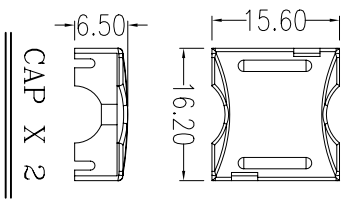
- Front Plate: ABS, UL 94V-0
- IDC plastic: PC, UL 94V-0
- IDC contact: Phosphor Bronze with 200u
- " Tin over 100u" Nickel undercoat
- Spring Wire: Phosphor Bronze with 50u
- " Gold over 100u" Nickel undercoat
- Temperature: -40°C ~ 70
- Humidity: 10% ~ 90% RH
- Front Socket: 750 mating cycles
- Idc block: 200 termination cycles

**ELECTRICAL**

- Current rating: 1.5 Amps
- Insulation resistance: 500 MOhm
- Contact resistance: 20 mOhm
- DC resistanc: 0.1 Ohm
- Dielectric withstanding voltage: 1000 V

**F Connector**

- Voltage rating: AC 150V
- Withstanding voltage: AC 500V one minute
- Contact resistance: 5mΩ at DC 1A
- Impedance: 75Ω nominal
- VSWR: 1.2max.0-1, 500MHz
- Insulation resistance: 500MΩ min at DC 500V



| COMMON TOLERANCE |       | SHEET OF |        | ALL COPY RIGHTS RESERVED |                                |
|------------------|-------|----------|--------|--------------------------|--------------------------------|
| CLASS            | A     | B        | SIZE   | A4                       | DAN-CHIEF ENTERPRISE CO., LTD. |
| DIMENSION        | ±0.05 | ±0.1     | DIA    | mm                       | TITLE                          |
| L <= 3           | ±0.05 | ±0.1     | SCALE  | 3:5                      | 625B48-2D2F-C5e-XX             |
| 3 < L <= 6       | ±0.05 | ±0.1     | DATE   | 2004.02.18               | DRAWING NO. B-181              |
| 6 < L <= 16      | ±0.1  | ±0.15    | DESIGN |                          | CHECKED                        |
| 16 < L <= 30     | ±0.1  | ±0.2     |        |                          |                                |
| 30 < L <= 120    | ±0.15 | ±0.3     |        |                          |                                |
| 120 < L <= 315   | ±0.2  | ±0.5     |        |                          |                                |