



| REV | ECN NO | DESCRIPTION   | DESIGN | APPROVAL | DATE       |
|-----|--------|---------------|--------|----------|------------|
| A1  | NEW    | Replace frame |        |          | 2018.06.12 |

NOIES:

1.ELECTRICAL CHARACTERISTICS:

1-1.CONTACT CURRENT RATING:

5.0A FOR VBUS PIN AND ITS CORRESPONDING GND PIN.

1-2.CONTACT RESISTANCE:

30 MILLIOHMS MAX FOR VBUS AND GND CONTACTS.

40 MILLIOHMS MAX FOR ALL OTHER CONTACTS.

1-3.DIELECTRIC WITHSTANDING VOLTAGE:100 VRMS AC MIN.

1-4. INSULATION RESISTANCE:100 MEGOHMS MIN.

2.MECHANICAL CHARACTERISTICS:

2-1.CONNECTOR INSERTION FORCE:5~20N.

AT A MAXIMUN RATE OF 12.5MM PER MINUTE.

2-2.CONNECTOR EXTRACTION FORCE:

8~20N AT A MAXIMUN RATE OF 12.5MM PER MINUTE.

6~20N AFTER DURABILITY TEST.

2-3.DURABILITY:10000 CYCLES.

2-4.OPERATING TEMPERATURE: -55°C TO +85°C

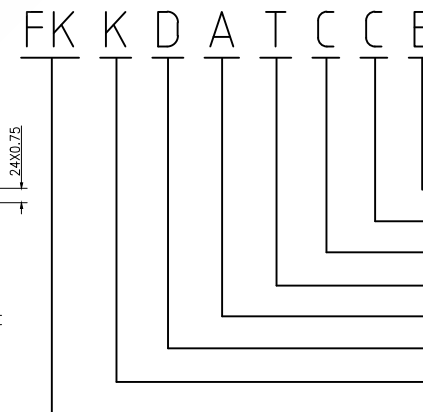
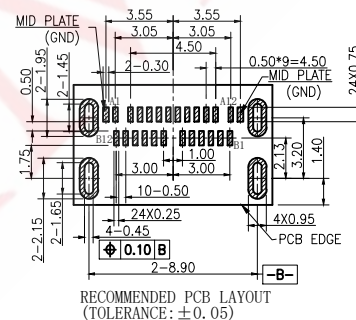
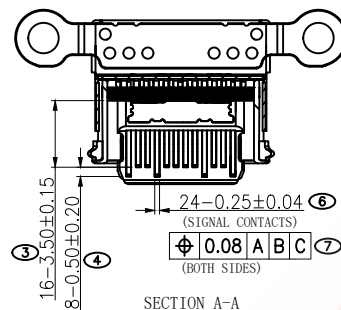
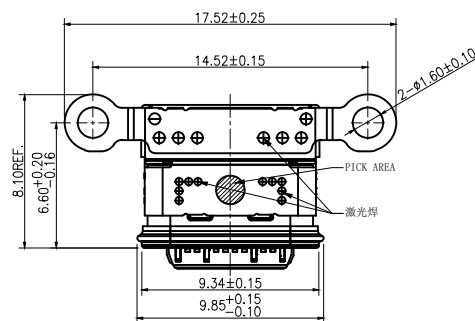
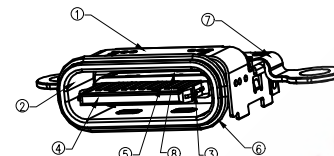
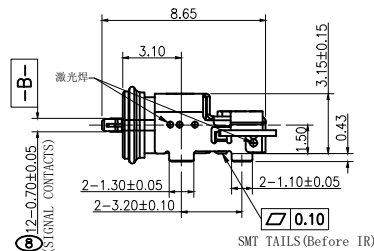
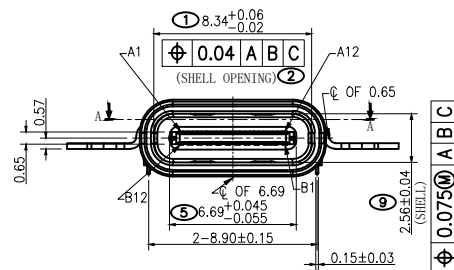
3.SALT SPRAY:48HOURS.

4.DIMENSIONS ARE IN MILLIMETERS, BRACKETED DIMENSIONS

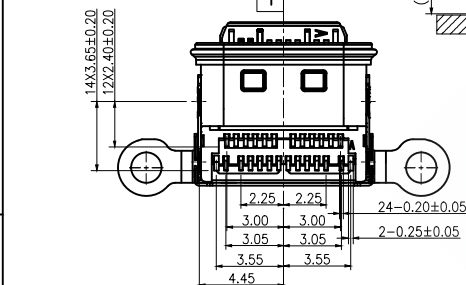
ARE INCHES EQUIVALENTS.

5.RECOMMENDED PROCESS: IR REFLOW 260°C, 3~5SECONDS.

6.THE CONNECTOR IS ROHS COMPLIANT AND HALOGEN FREE COMPLIAN.



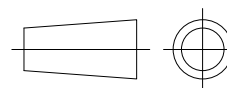
CODE: E09 IF  
LIFETIME:10000CYCLES  
MATERIAL: SUS304  
STYLE: GENERAL  
LOOKS: 8.65mm  
MOUNTING: Horizontal mounting  
SIZE: 24pin  
SERIE: IPX8 TYPE C



| ITEM | PART NAME   | QTY | Material&Plating                                                                                                   |
|------|-------------|-----|--------------------------------------------------------------------------------------------------------------------|
| 1    | SUB-SHELL   | 1   | SUS304 t=0.15, NI PLATED 30u"                                                                                      |
| 2    | MAIN-SHELL  | 1   | SUS316L t=0.20 CLEANING                                                                                            |
| 3    | LATCH       | 1   | SUS304 t=0.15, NI PLATED 30u"                                                                                      |
| 4    | HOUSING     | 1   | PAGT+30%G.F, HF BLACK                                                                                              |
| 5    | CONTACT     | 24  | C7025 t=0.12, Ni 50-150u" UNDER PLATED OVER.30u"Au PLATED ON THE CONTACT AREA, 3-8u"Au PLATED ON THE SOLDER TAILS. |
| 6    | LIM         | 1   | CHN-LIMS-60A/B; Pull force 300g                                                                                    |
| 7    | COVER SHELL | 1   | SUS304 t=0.30 CLEANING                                                                                             |
| 8    | EMC         | 2   | SUS304 t=0.10, CLEANING                                                                                            |

| DESIGN   | WANGGUILFA  | 2018.06.12 | ≥0~2< | ±0.15 |
|----------|-------------|------------|-------|-------|
| CHECKED  | ZHENGUILAN  | 2018.06.12 | ≥2~5< | ±0.25 |
| APPROVED | LILIANJIANG | 2018.06.14 | ≥0~2< | ±0.15 |
|          |             |            | ≥5    | ±0.35 |

FIRST VIEW



GENERAL TOLERANCE

SAMZO COMPONENTS

Electronic switch and connector manufacturer

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TITLE: USB TYPE C 防水母座 24PIN 双排脚  
SMT型 LIM注塑防水圈 带固定片&EMC片

DWG NO: FKK24-ZB48087

PART NO: FKK2402924

MODEL NO: FKKDATCCE

NAME:

TYPE-C CONN