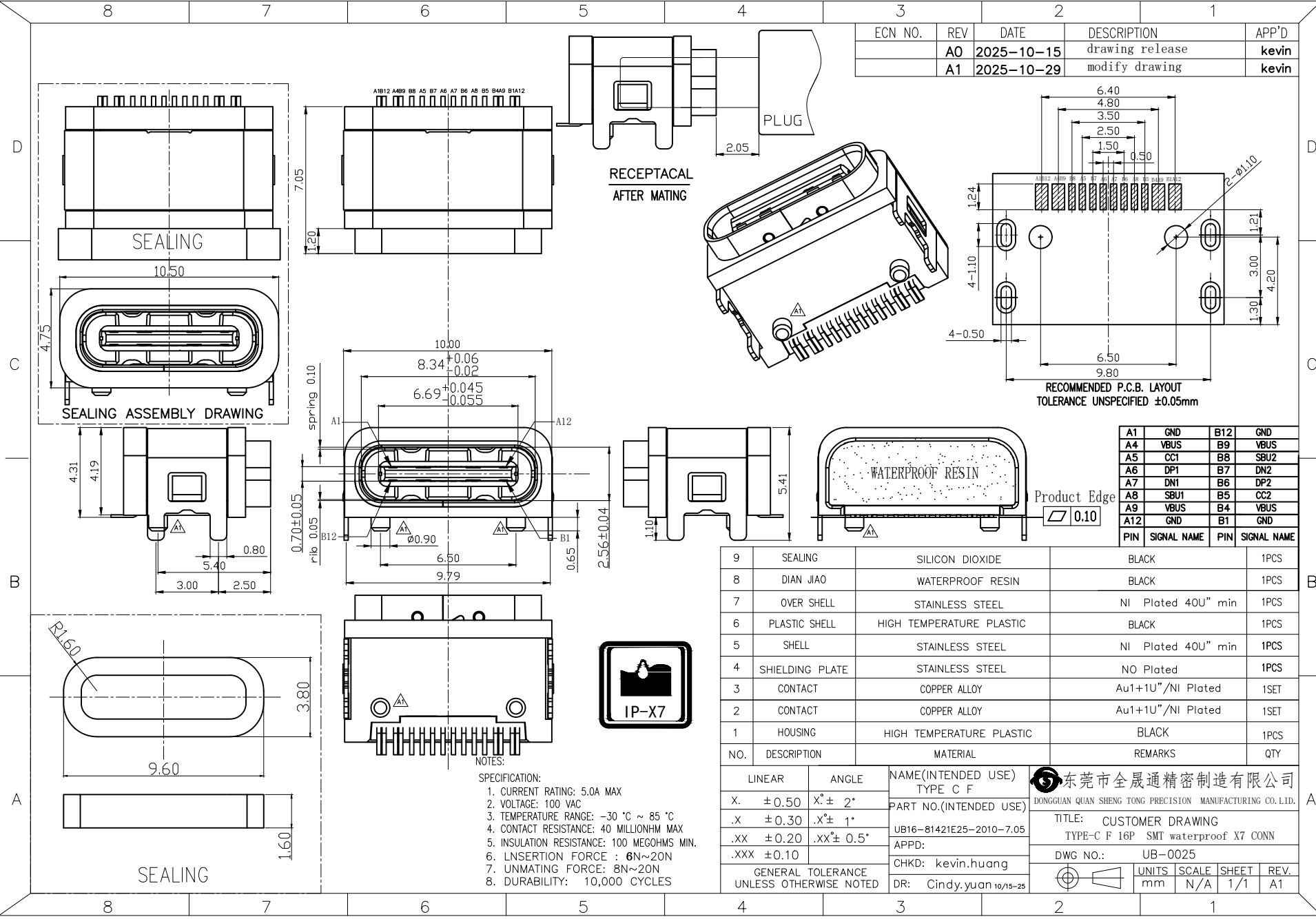


| ECN NO. | REV | DATE | DESCRIPTION | APP'D |
|---------|-----|------------|-----------------|-------|
| | A0 | 2025-10-15 | drawing release | kevin |
| | A1 | 2025-10-29 | modify drawing | kevin |



| | | | |
|-----|-------------|-----|-------------|
| A1 | GND | B12 | GND |
| A4 | VBUS | B9 | VBUS |
| A5 | CC1 | B8 | SBU2 |
| A6 | DP1 | B7 | DN2 |
| A7 | DN1 | B6 | DP2 |
| A8 | SBU1 | B5 | CC2 |
| A9 | VBUS | B4 | VBUS |
| A12 | GND | B1 | GND |
| PIN | SIGNAL NAME | PIN | SIGNAL NAME |

| NO. | DESCRIPTION | MATERIAL | REMARKS | QTY |
|-----|-----------------|--------------------------|--------------------|------|
| 9 | SEALING | SILICON DIOXIDE | BLACK | 1PCS |
| 8 | DIAN JIAO | WATERPROOF RESIN | BLACK | 1PCS |
| 7 | OVER SHELL | STAINLESS STEEL | NI Plated 40U" min | 1PCS |
| 6 | PLASTIC SHELL | HIGH TEMPERATURE PLASTIC | BLACK | 1PCS |
| 5 | SHELL | STAINLESS STEEL | NI Plated 40U" min | 1PCS |
| 4 | SHIELDING PLATE | STAINLESS STEEL | NO Plated | 1PCS |
| 3 | CONTACT | COPPER ALLOY | Au1+1U"/NI Plated | 1SET |
| 2 | CONTACT | COPPER ALLOY | Au1+1U"/NI Plated | 1SET |
| 1 | HOUSING | HIGH TEMPERATURE PLASTIC | BLACK | 1PCS |

- NOTES:
- SPECIFICATION:
- CURRENT RATING: 5.0A MAX
 - VOLTAGE: 100 VAC
 - TEMPERATURE RANGE: -30 °C ~ 85 °C
 - CONTACT RESISTANCE: 40 MILLIONHM MAX
 - INSULATION RESISTANCE: 100 MEGOHMS MIN.
 - INSERTION FORCE : 6N~20N
 - UNMATING FORCE: 8N~20N
 - DURABILITY: 10,000 CYCLES

东莞市全晟通精密制造有限公司
 DONGGUAN QUAN SHENG TONG PRECISION MANUFACTURING CO.,LTD.

TITLE: CUSTOMER DRAWING
 TYPE-C F 16P SMT waterproof X7 CONN

DWG NO.: UB-0025

| UNITS | SCALE | SHEET | REV. |
|-------|-------|-------|------|
| mm | N/A | 1/1 | A1 |

| LINEAR | ANGLE | NAME(INTENDED USE) |
|------------------------------------------|-------------|-------------------------|
| X. ±0.50 | X° ± 2° | TYPE C F |
| .X ±0.30 | .X° ± 1° | PART NO.(INTENDED USE) |
| .XX ±0.20 | .XX° ± 0.5° | UB16-81421E25-2010-7.05 |
| .XXX ±0.10 | | APPD: |
| | | CHKD: kevin.huang |
| | | DR: Cindy.yuan 10/15-25 |
| GENERAL TOLERANCE UNLESS OTHERWISE NOTED | | |