

|      | 8               | 9       | 10         |
|------|-----------------|---------|------------|
| REV. | DESCRIPTION     | DRAWN   | DATE       |
| 1    | INITIAL RELEASE | Michael | 2025/03/03 |
| 2    | ECR2500002      | Fros    | 2025/05/07 |
| 3    | ECR250520001    | Fros    | 2025/05/20 |

**SPECIFICATION:**

1. ELECTRICAL
  - 1.1 Current Rating: 0.5A per pin
  - 1.2 Voltage Rating: 10V DC
  - 1.3 Contact Resistance: 100mΩ Max.
  - 1.4 Insulation Resistance: 1000MΩ
  - 1.5 Dielectric Withstanding Voltage: 500VAC
2. MECHANICAL
  - 2.1 Durability: 500 cycles
  - 2.2 Contact Normal Force: 0.5N Max. per pin
  - 2.3 Tray Lock Force: 3N Min.
3. ENVIRONMENTAL
  - 3.1 Operating temperature range: -40°C~+105°C
  - 3.2 Storage temperature range: -40°C~+105°C
4. SOLDER ABILITY
  - 4.1 Recommended IR-Reflow Temperature: 260°C

This part (115U-B110) is a connector only, it should be used together with Nano SIM Tray (see page 3, tray spec. table)

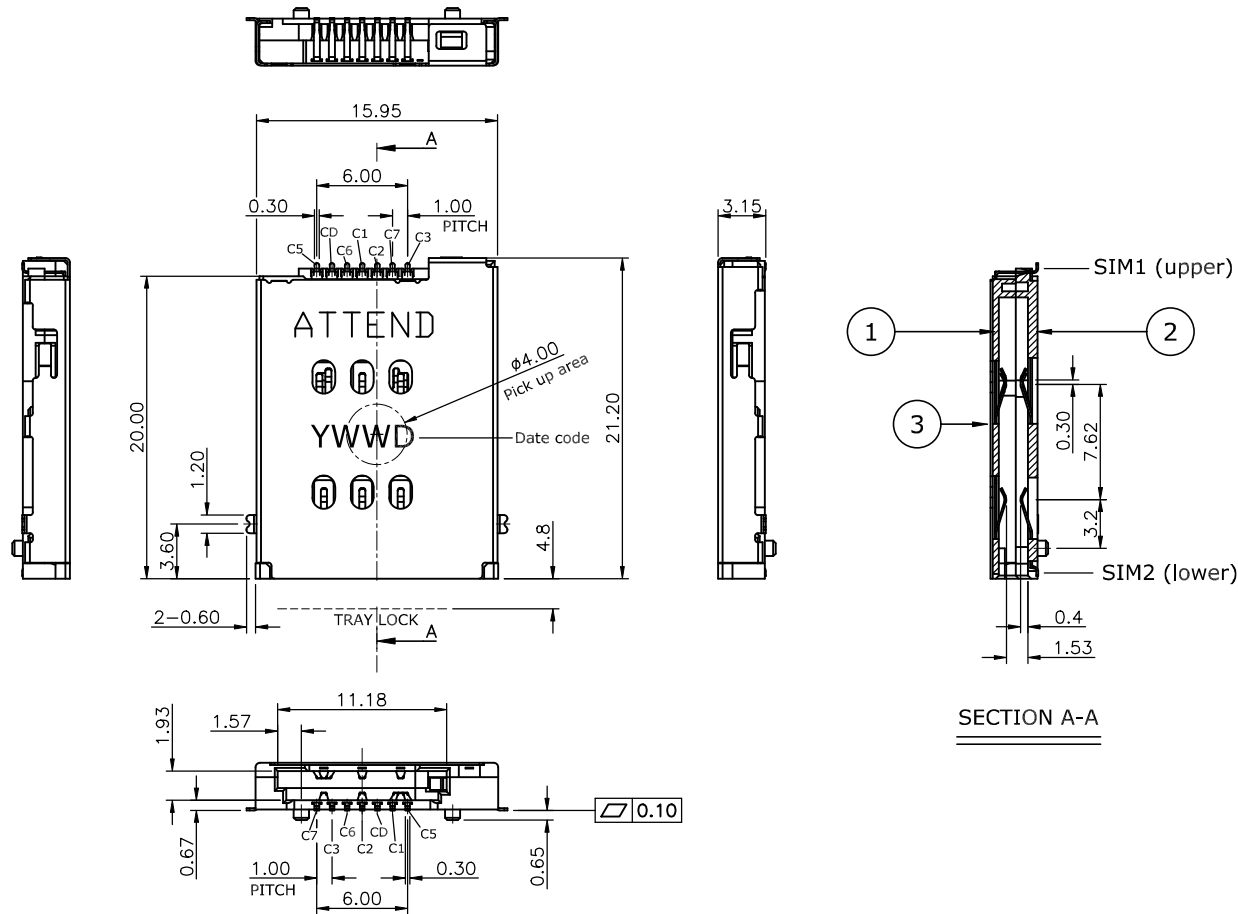
DATE CODE: YWWD  
Y=YEAR(2020)  
WW=WEEK(01-52)  
D=DAY(1-7)

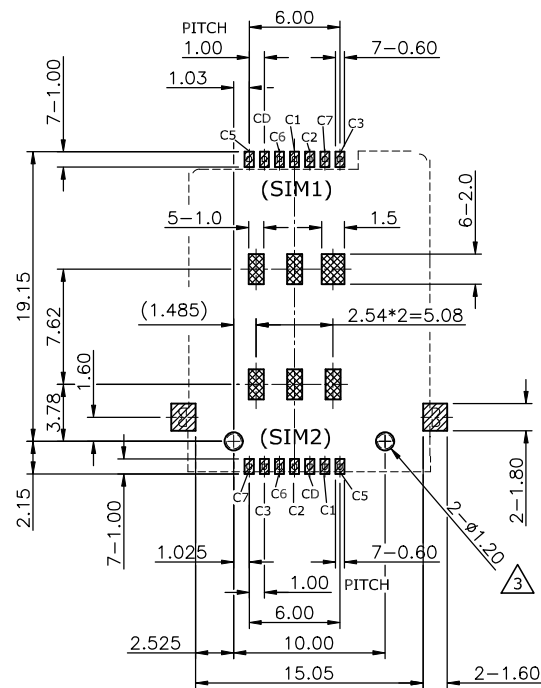
|     |                 |                                                    |
|-----|-----------------|----------------------------------------------------|
| 4   | SLIDER          | LCP, UL94V-0, Black                                |
| 3   | SHELL           | Stainless Steel, Nickel plating                    |
| 2   | SIM2<br>MOLDING | Contact: Phosphor Bronze, Gold plating over Nickel |
|     |                 | Insulator: LCP, UL94V-0, Black                     |
| 1   | SIM1<br>MOLDING | Contact: Phosphor Bronze, Gold plating over Nickel |
|     |                 | Insulator: LCP, UL94V-0, Black                     |
| NO. | PART NAME       | DESCRIPTION                                        |

|                                                                                       |              |              |            |                                                                                                        |               |  |
|---------------------------------------------------------------------------------------|--------------|--------------|------------|--------------------------------------------------------------------------------------------------------|---------------|--|
| UNLESS OTHERWISE SPECIFIED TOLERANCE                                                  |              |              |            | <div>ATTEND</div> |               |  |
| UNIT:<br><br>mm                                                                       | DECIMAL      | LINEAR       | ANGLES     |                                                                                                        |               |  |
|                                                                                       | X.           | ±0.50        | ±5°        |                                                                                                        |               |  |
|                                                                                       | X.X          | ±0.25        | ±3°        |                                                                                                        |               |  |
|                                                                                       | X.XX         | ±0.12        | ±1°        |                                                                                                        |               |  |
|                                                                                       |              |              |            | www.attend.com.tw                                                                                      |               |  |
| DRAWN                                                                                 |              | Michael      | 2025/04/01 | DRAWN NAME:<br>Dual Nano SIM Socket,<br>Tray-Push Pull, Lock w/Switch, G/F, Reel                       |               |  |
| CHECKED                                                                               |              | Fros         | 2025/04/01 |                                                                                                        |               |  |
| APPROVED                                                                              |              | Ken          | 2025/04/01 | PRODUCT NO.                                                                                            | 115U-B110     |  |
|  | SCALE<br>2/1 | SHEET<br>1/5 | SIZE<br>A4 | FILE NAME                                                                                              | 115U-B110_B_3 |  |



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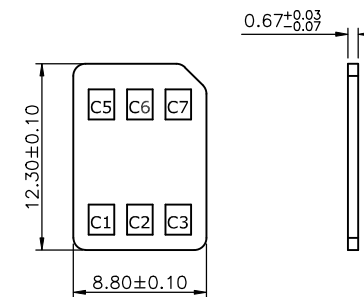


| Card                | Pin NO. | Pin Name           |
|---------------------|---------|--------------------|
| SIM 1<br>&<br>SIM 2 | C 1     | VCC                |
|                     | C 2     | RST                |
|                     | C 3     | CLK                |
|                     | C 5     | GND                |
|                     | C 6     | VPP                |
|                     | C 7     | I/O                |
|                     | CD      | Card Detect Switch |

 SOLDER PAD

 KEEP OUT AREA

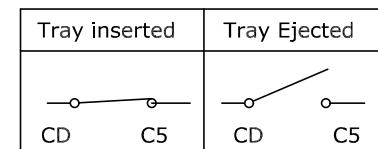
RECOMMENDED LAYOUT (TOP VIEW)  
GENERAL TOLERANCE:  $\pm 0.05\text{mm}$



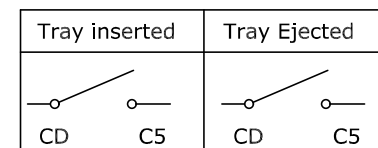
nano SIM dimensions

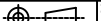
Card Detect Circuit: (Normal OPEN)

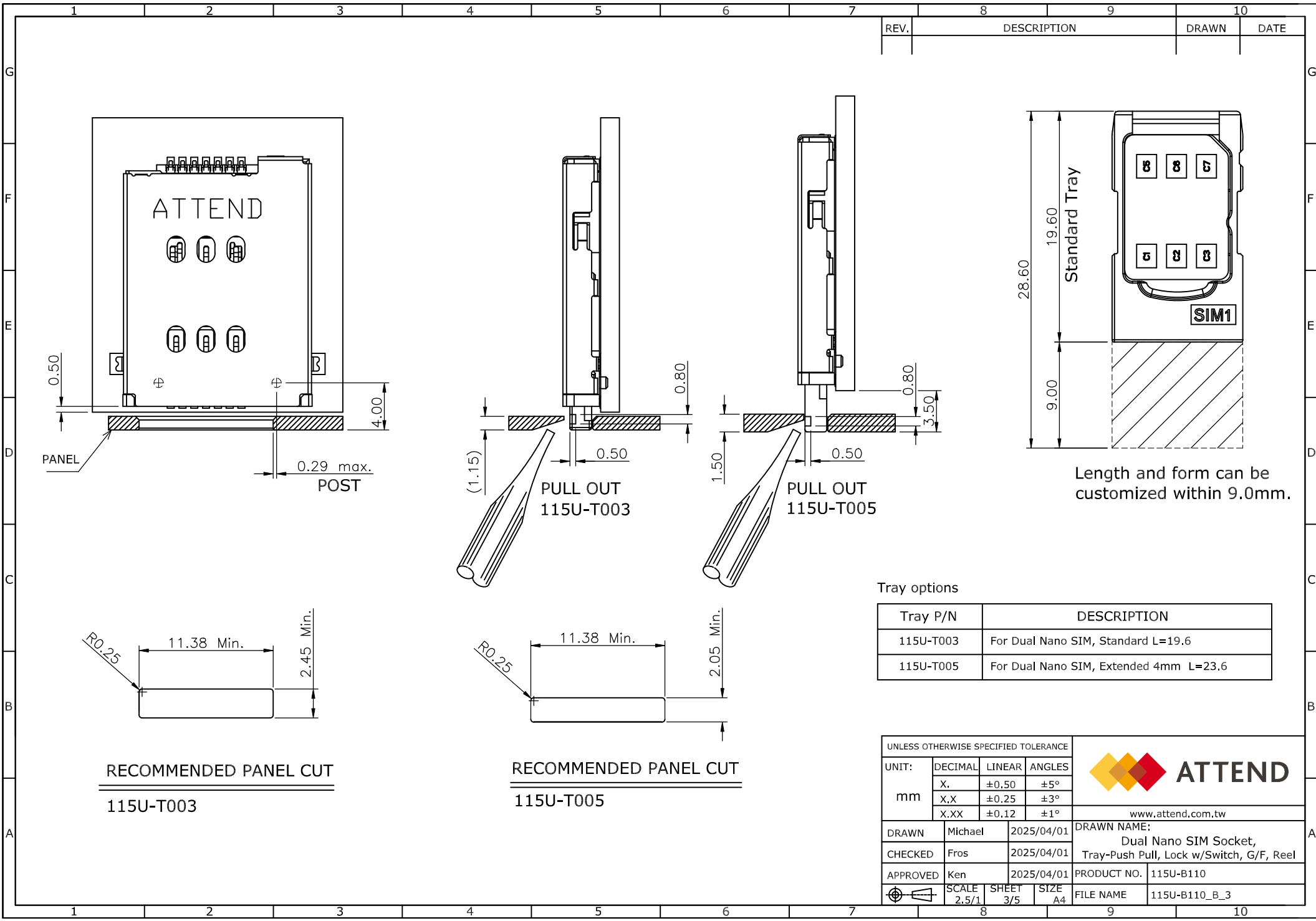
1. Tray with card



- ## 2. Tray without card



|                                                                                       |              |              |                                                                                      |                                                                                                     |               |  |
|---------------------------------------------------------------------------------------|--------------|--------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------|--|
| UNLESS OTHERWISE SPECIFIED TOLERANCE                                                  |              |              |                                                                                      |  <b>ATTEND</b> |               |  |
| UNIT:<br><br>mm                                                                       | DECIMAL      | LINEAR       | ANGLES                                                                               |                                                                                                     |               |  |
|                                                                                       | X.           | ±0.50        | ±5°                                                                                  |                                                                                                     |               |  |
|                                                                                       | X.X          | ±0.25        | ±3°                                                                                  |                                                                                                     |               |  |
|                                                                                       | X.XX         | ±0.12        | ±1°                                                                                  |                                                                                                     |               |  |
|                                                                                       |              |              |                                                                                      | www.attend.com.tw                                                                                   |               |  |
| DRAWN                                                                                 | Michael      | 2025/04/01   | DRAWN NAME:<br><br>Dual Nano SIM Socket,<br>Tray-Push Pull, Lock w/Switch, G/F, Reel |                                                                                                     |               |  |
| CHECKED                                                                               | Fros         | 2025/04/01   |                                                                                      |                                                                                                     |               |  |
| APPROVED                                                                              | Ken          | 2025/04/01   | PRODUCT NO.                                                                          | 115U-B110                                                                                           |               |  |
|  | SCALE<br>2/1 | SHEET<br>2/5 | SIZE<br>A4                                                                           | FILE NAME                                                                                           | 115U-B110_B_3 |  |

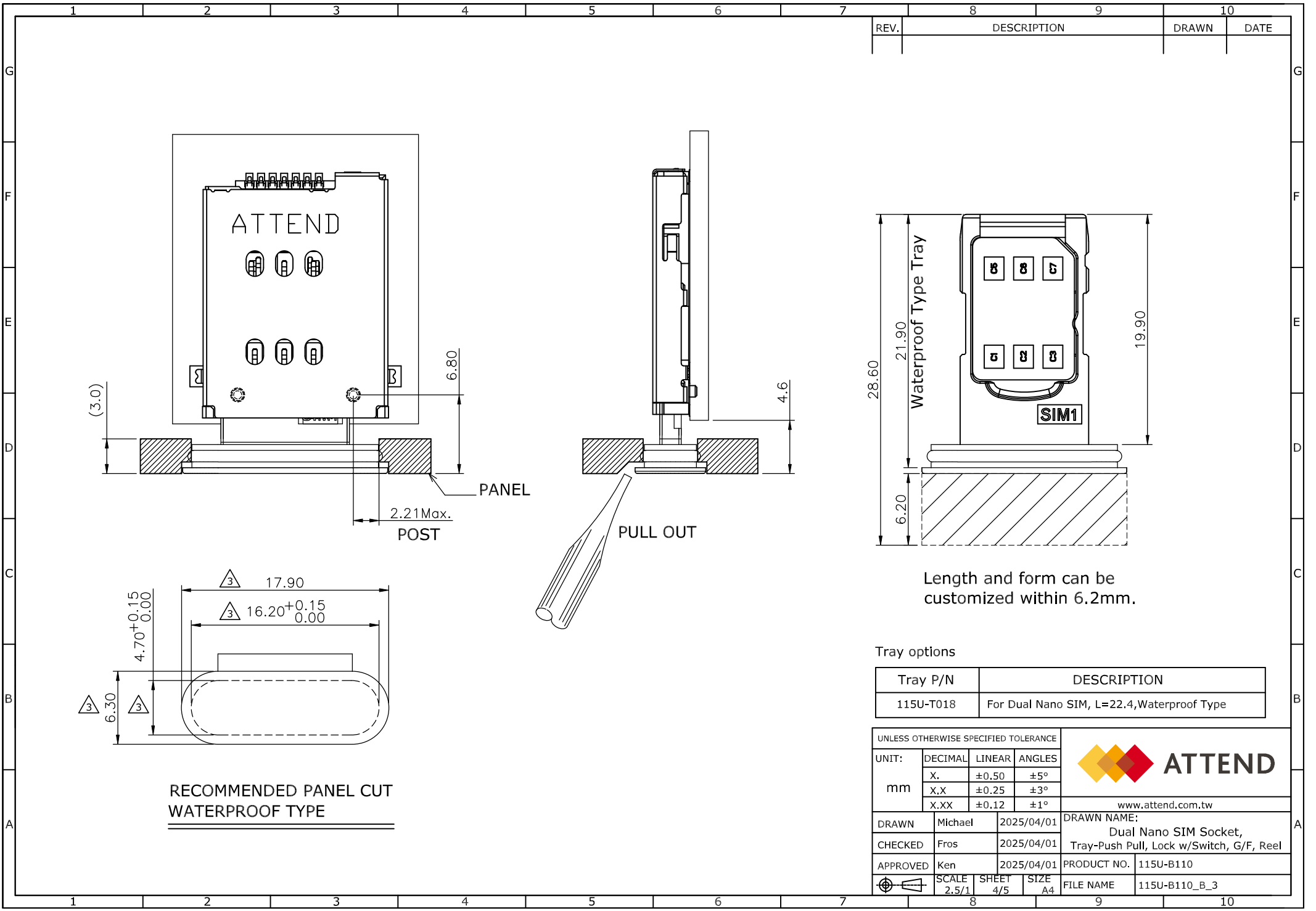


Length and form can be customized within 9.0mm.

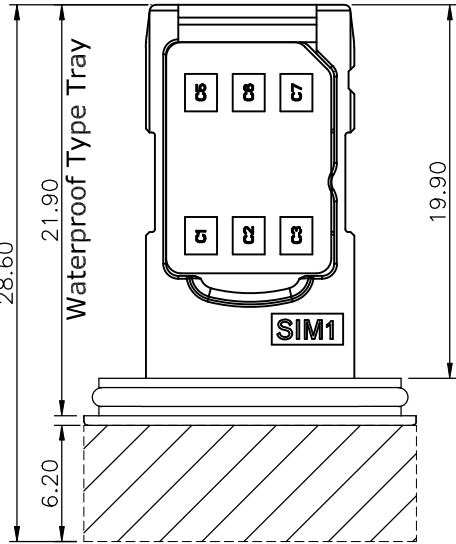
Tray options

| Tray P/N  | DESCRIPTION                            |
|-----------|----------------------------------------|
| 115U-T003 | For Dual Nano SIM, Standard L=19.6     |
| 115U-T005 | For Dual Nano SIM, Extended 4mm L=23.6 |

| UNLESS OTHERWISE SPECIFIED TOLERANCE                                                  |         |            |         |  <b>ATTEND</b> |                                                                                                     |
|---------------------------------------------------------------------------------------|---------|------------|---------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| UNIT:                                                                                 | DECIMAL | LINEAR     | ANGLES  |                                                                                                     |                                                                                                     |
|                                                                                       | X.      | ±0.50      | ±5°     |                                                                                                     |                                                                                                     |
|                                                                                       | X.X     | ±0.25      | ±3°     |                                                                                                     |                                                                                                     |
|                                                                                       | X.XX    | ±0.12      | ±1°     |                                                                                                     |                                                                                                     |
| www.attend.com.tw                                                                     |         |            |         |  <b>ATTEND</b> |                                                                                                     |
| DRAWN NAME:                                                                           |         |            |         |                                                                                                     |                                                                                                     |
| Dual Nano SIM Socket,<br>Tray-Push Pull, Lock w/Switch, G/F, Reel                     |         |            |         |                                                                                                     |                                                                                                     |
| PRODUCT NO.                                                                           |         |            |         |                                                                                                     |                                                                                                     |
| DRAWN                                                                                 | Michael | 2025/04/01 |         | 115U-B110                                                                                           |  <b>ATTEND</b> |
| CHECKED                                                                               | Fros    | 2025/04/01 |         |                                                                                                     |                                                                                                     |
| APPROVED                                                                              | Ken     | 2025/04/01 |         |                                                                                                     |                                                                                                     |
| SCALE 2.5/1                                                                           |         |            |         |                                                                                                     |                                                                                                     |
|  |         | SHEET 3/5  | SIZE A4 | FILE NAME                                                                                           | 115U-B110_B_3                                                                                       |



| REV. | DESCRIPTION | DRAWN | DATE |
|------|-------------|-------|------|
|      |             |       |      |



Length and form can be customized within 6.2mm.

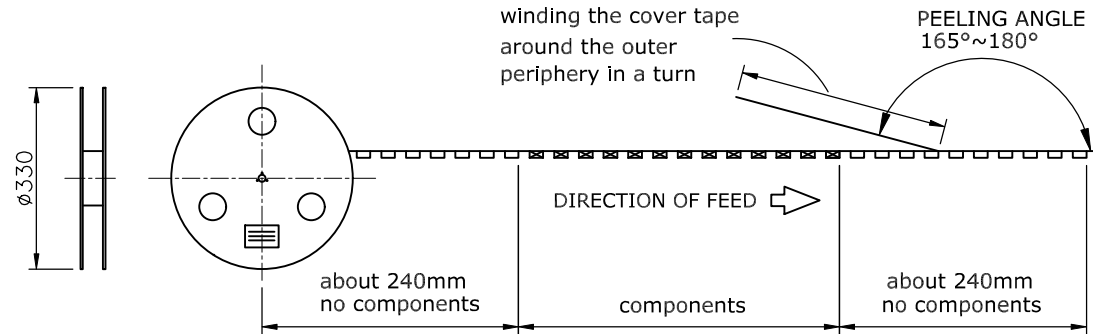
Tray options

| Tray P/N  | DESCRIPTION                                |
|-----------|--------------------------------------------|
| 115U-T018 | For Dual Nano SIM, L=22.4, Waterproof Type |

|                                                                                       |         |         |            |                                                                                       |               |
|---------------------------------------------------------------------------------------|---------|---------|------------|---------------------------------------------------------------------------------------|---------------|
| UNLESS OTHERWISE SPECIFIED TOLERANCE                                                  |         |         |            |  |               |
| UNIT:                                                                                 | DECIMAL | LINEAR  | ANGLES     |                                                                                       |               |
|                                                                                       | X.      | ±0.50   | ±5°        |                                                                                       |               |
|                                                                                       | X.X     | ±0.25   | ±3°        |                                                                                       |               |
| mm                                                                                    | X.XX    | ±0.12   | ±1°        | www.attend.com.tw                                                                     |               |
|                                                                                       | DRAWN   | Michael | 2025/04/01 | DRAWN NAME:<br>Dual Nano SIM Socket,<br>Tray-Push Pull, Lock w/Switch, G/F, Reel      |               |
|                                                                                       | CHECKED | Fros    | 2025/04/01 |                                                                                       |               |
| APPROVED                                                                              |         | Ken     | 2025/04/01 | PRODUCT NO.                                                                           | 115U-B110     |
|  |         | SCALE   | SHEET      | SIZE                                                                                  | FILE NAME     |
|                                                                                       |         | 2.5/1   | 4/5        | A4                                                                                    | 115U-B110_B_3 |



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|------|-----------------|---------|------------|
| 1    | INITIAL RELEASE | Michael | 2025/03/03 |



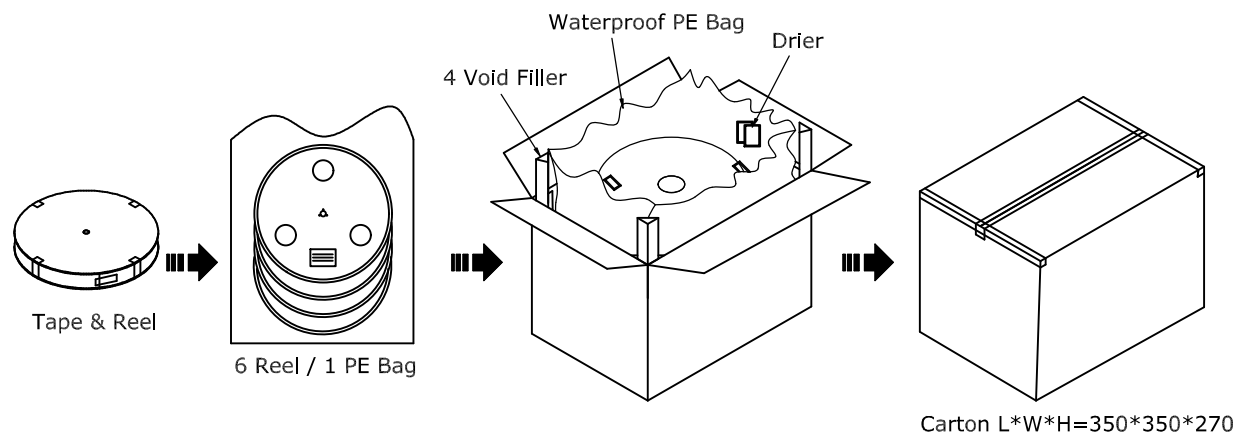
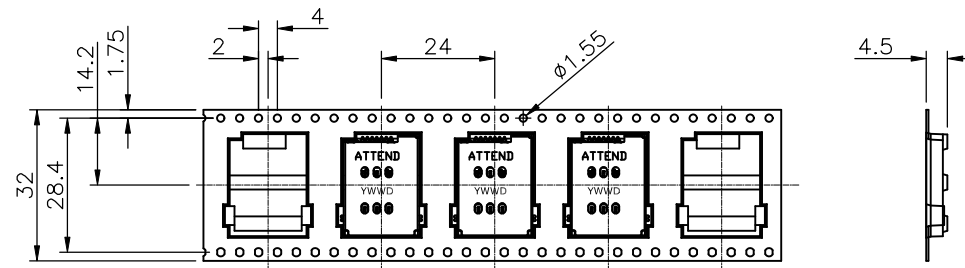
## PACKAGING SPECIFICATION:

### 1. MATERIAL

- 1.1 Embossed Carrier Tape: PS Black
- 1.2 Top Cover Tape: PET  
20-80g(Peel Speed 300mm/Minute)
- 1.3 Taping Reel: Paper

### 2. PACKING

- 2.1 Quantity:  
550 Piece/Reel  
3300 Piece/Outer Carton



| UNLESS OTHERWISE SPECIFIED TOLERANCE                                                  |              |              |                                                                                  |  <b>ATTEND</b> |               |
|---------------------------------------------------------------------------------------|--------------|--------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------|
| UNIT:                                                                                 | DECIMAL      | LINEAR       | ANGLES                                                                           |                                                                                                     |               |
| mm                                                                                    | X.           | ±0.50        | ±5°                                                                              | www.attend.com.tw                                                                                   |               |
|                                                                                       | X,X          | ±0.25        | ±3°                                                                              |                                                                                                     |               |
|                                                                                       | X.XX         | ±0.12        | ±1°                                                                              |                                                                                                     |               |
|                                                                                       |              |              |                                                                                  |                                                                                                     |               |
| DRAWN                                                                                 | Michael      | 2025/03/03   | DRAWN NAME:<br>Dual Nano SIM Socket,<br>Tray-Push Pull, Lock w/Switch, G/F, Reel |                                                                                                     |               |
| CHECKED                                                                               | Fros         | 2025/03/03   |                                                                                  |                                                                                                     |               |
| APPROVED                                                                              | Ken          | 2025/03/03   | PRODUCT NO.                                                                      | 115U-B110                                                                                           |               |
|  | SCALE<br>N/A | SHEET<br>1/1 | SIZE<br>A4                                                                       | FILE NAME                                                                                           | 115U-B110_D_1 |