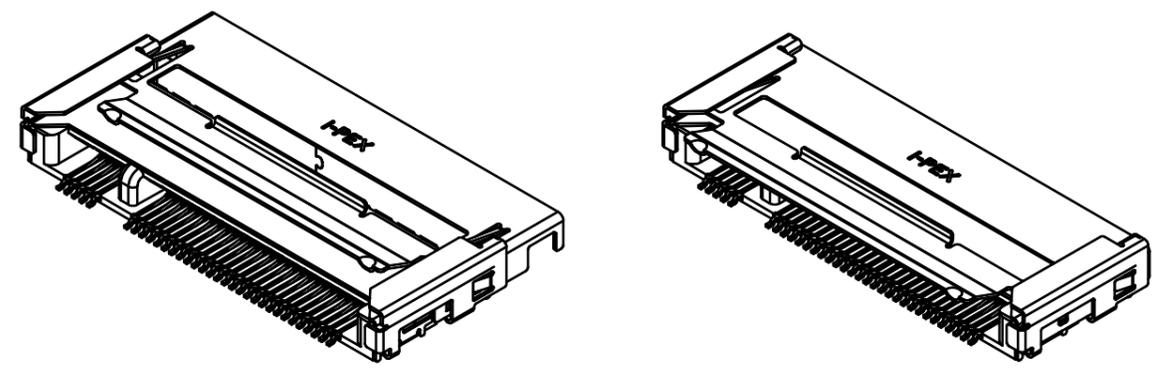
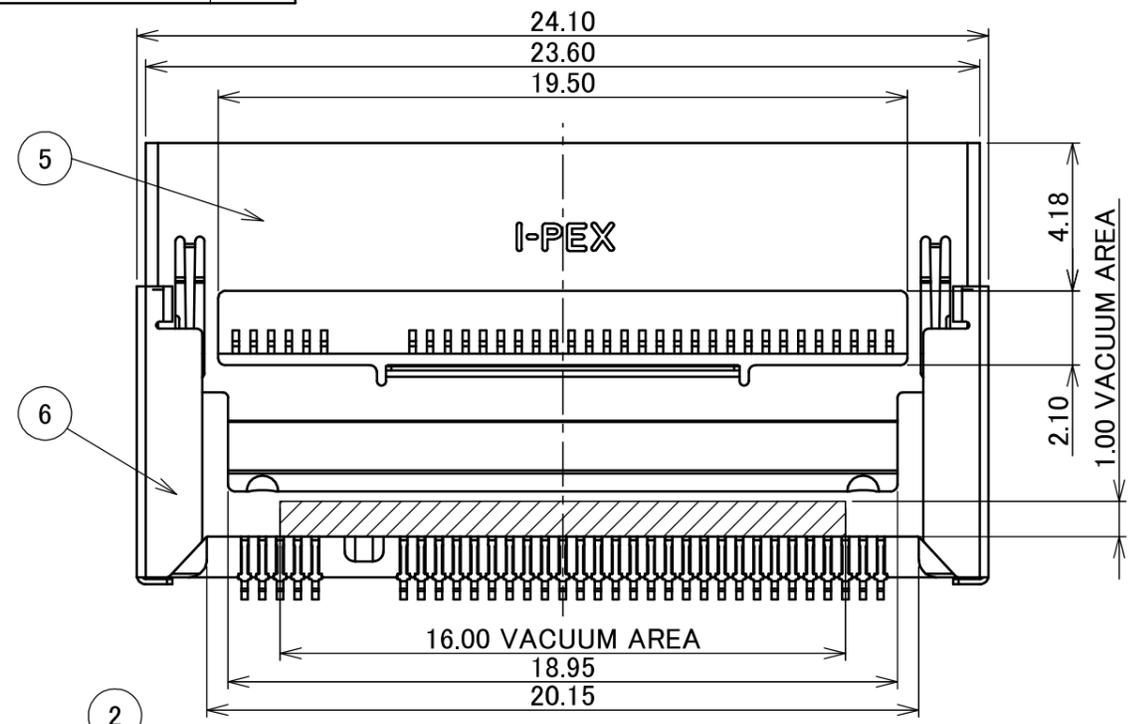


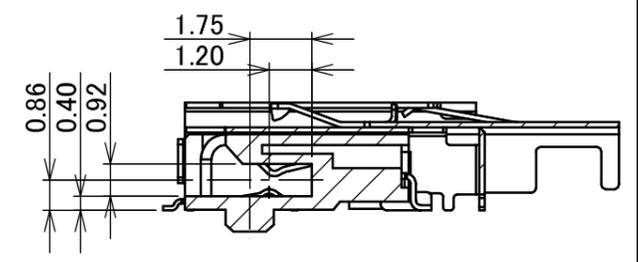
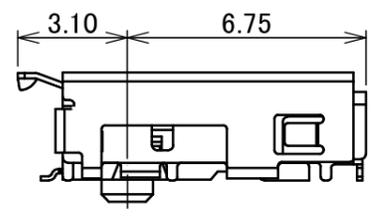
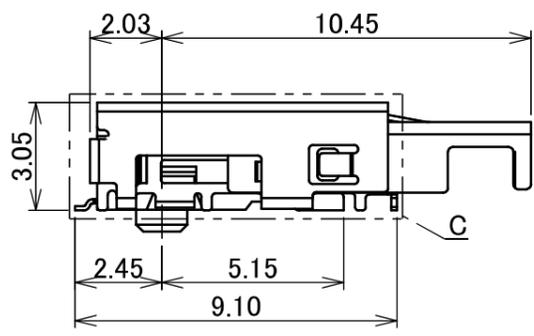
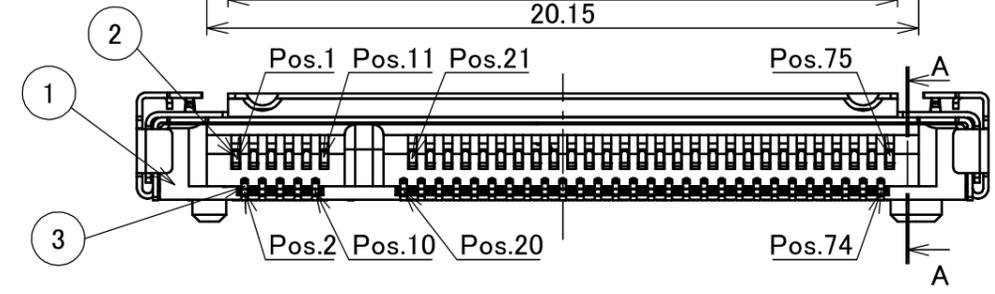
**RECOMMENDED PART No. 21065-067E-01**

| PART NO.      | Pos. |
|---------------|------|
| 21065-067E-01 | 67   |



COVER OPEN  
SHIPPING STATUS

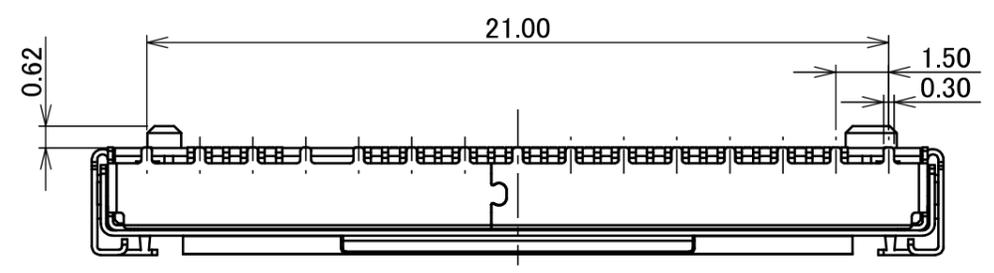
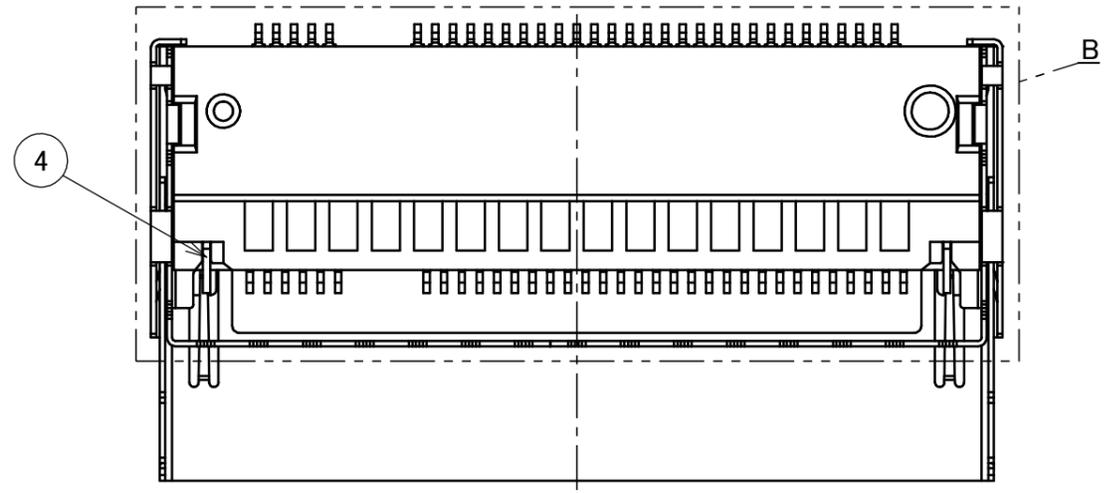
COVER CLOSE  
READY TO INSERT CARD



SECT. A-A

COVER CLOSE

COVER OPEN



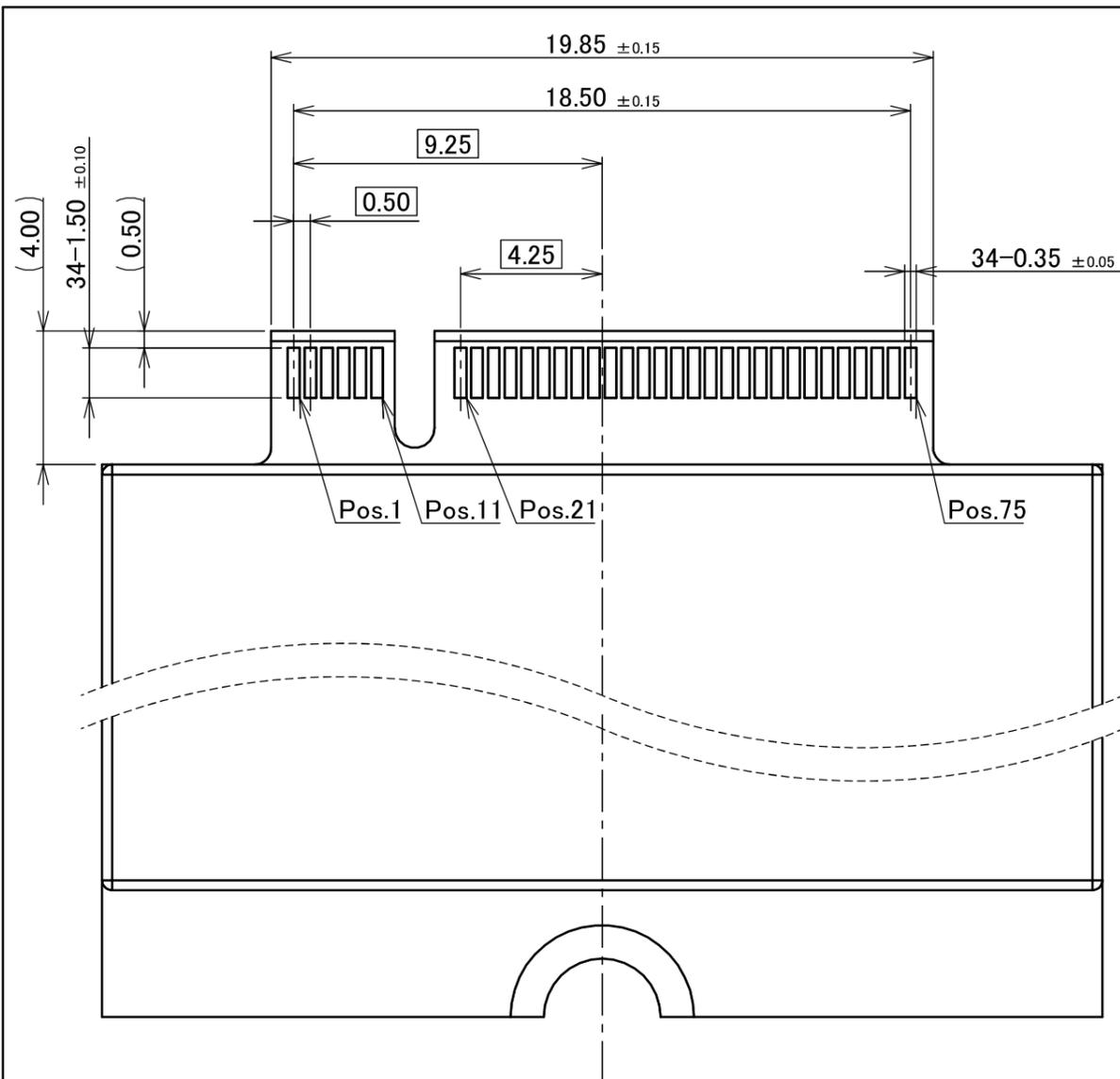
| NO. | DESCRIPTION   | MATERIAL        | FINISH , REMARKS  |
|-----|---------------|-----------------|---|
| 6   | SHIELD SHELL  | SUS             | Matt Sn 1.00 μm MIN. OVER Ni 1.27 μm MIN. (NO POLISH)                                   |
| 5   | SLIDE COVER   | SUS             | -   |
| 4   | HOLD DOWN     | SUS             | Matt Sn 1.52 μm MIN. OVER Ni 1.27 μm MIN. (NO POLISH)                                   |
| 3   | LOWER CONTACT | PHOSPHOR BRONZE | CONTACT AREA : Au 0.254 μm MIN.<br>SOLDERING AREA : Au FLASH<br>OTHER : Ni 1.27 μm MIN. |
| 2   | UPPER CONTACT | PHOSPHOR BRONZE | CONTACT AREA : Au 0.254 μm MIN.<br>SOLDERING AREA : Au FLASH<br>OTHER : Ni 1.27 μm MIN. |
| 1   | HOUSING       | LCP             | UL94V-0, BLACK  |

|   |         |     |            |   |                    |        |                |                  |                           |                  |               |              |       |     |      |   |
|---|---------|-----|------------|---|--------------------|--------|----------------|------------------|---------------------------|------------------|---------------|--------------|-------|-----|------|---|
|   |         |     |            |   | ANGLE              | ±2°    | 6 OVER 30 MAX. | ±0.3             | PROJECTION<br>⊕           | SERIES No.<br>R2 | CUSTOMER COPY |              |       |     |      |   |
|   |         |     |            |   |                    | 6 MAX. | ±0.2           | 30 OVER 120 MAX. |                           |                  | ±0.5          | SCALE<br>5:1 | I-PEX |     |      |   |
|   |         |     |            |   | GENERAL TOLERANCE. |        |                |                  | TITLE<br>SX-M2<br>(KEY B) | UNIT<br>mm       |               |              |       |     |      |   |
|   |         |     |            |   | DWG.               | M.Muro |                |                  | DATE                      | 2026/03/18       |               |              |       |     |      |   |
|   |         |     |            |   | CHK.               | -      |                |                  |                           |                  |               |              |       |     |      |   |
|   |         |     |            |   | APP.               | -      |                |                  |                           |                  |               |              |       |     |      |   |
| 0 | ZC00550 | M.M | 2026/03/18 | - | REVISION RECORD    |        |                |                  | DWG. No.                  | 21065            | SIZE          | A3           | SHEET | 1/8 | REV. | 0 |

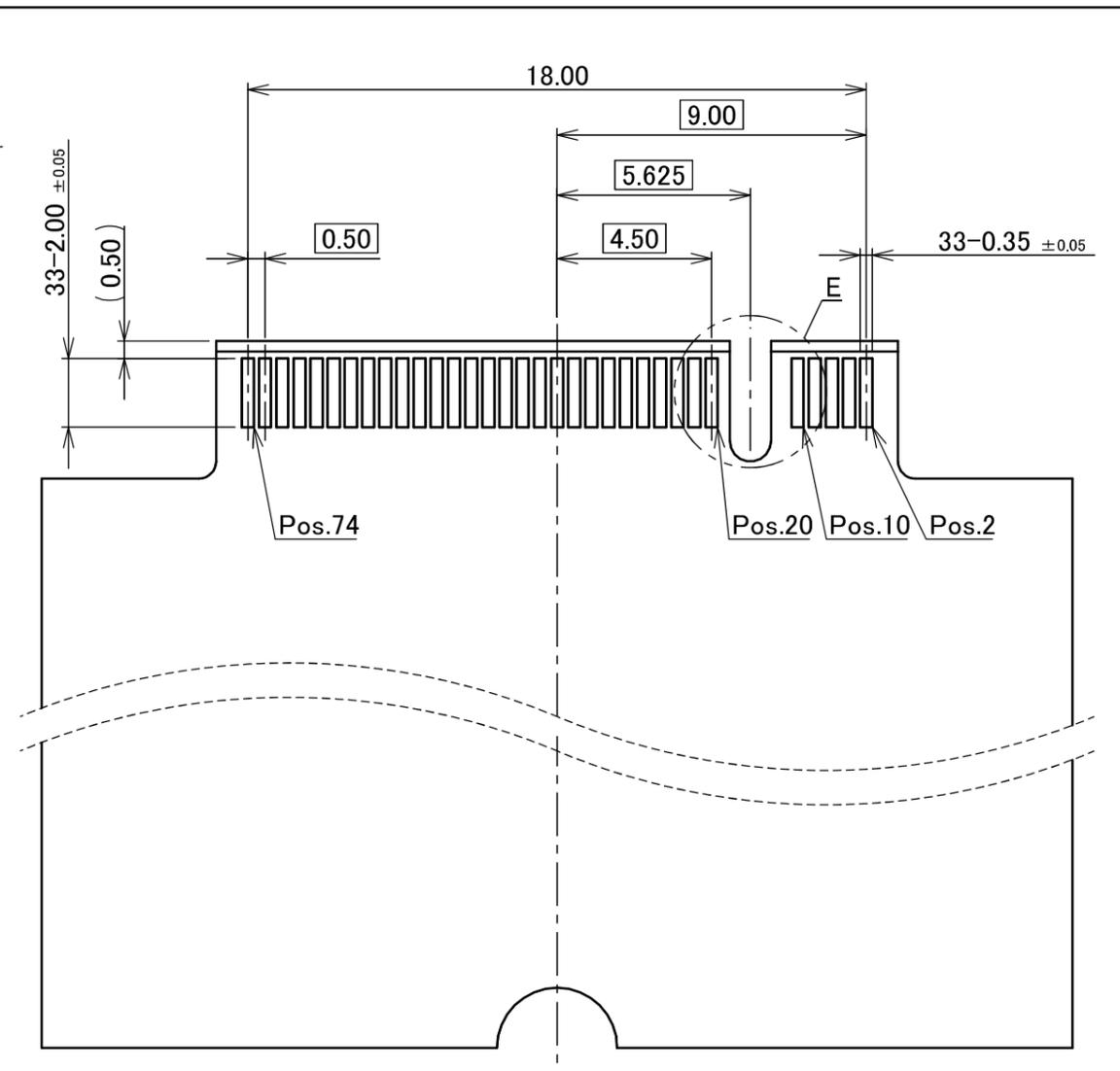
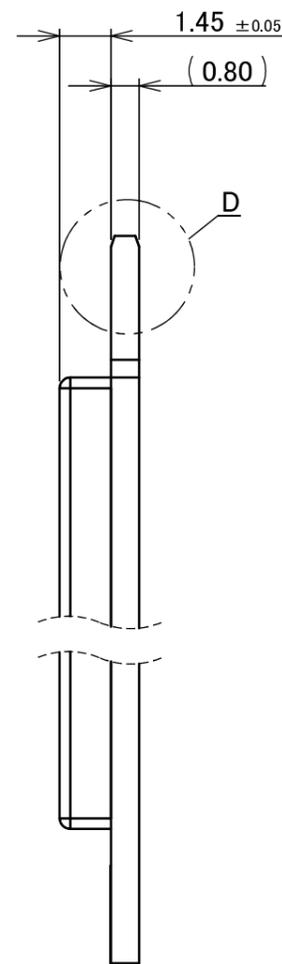


| ITEMS                           | SPECIFICATION  |
|---------------------------------|--|
| RATED VOLTAGE                   | 35V AC (PER CONTACT PIN)   |
| RATED CURRENT                   | 0.5A AC/DC (PER CONTACT PIN)                                     |
| OPERATING TEMPERATURE           | 233 TO 353K (-40°C TO +80°C)                                     |
| OPERATING HUMIDITY              | 95% MAX.   |
| CONTACT RESISTANCE              | INITIAL : 55mohm MAX. / AFTER TEST : $\triangleleft$ 20mohm MAX. |
| INSULATION RESISTANCE           | 500Mohm MIN.   |
| DIELECTRIC WITHSTANDING VOLTAGE | AC 300V 1min   |
| DURABILITY                      | 60 CYCLES  |
| MATING FORCE                    | 25N MAX.   |
| UNMATING FORCE                  | 25N MAX.   |
| COPLANARITY                     | 0.10 MAX.  |
| PRODUCT SPECIFICATION           | PRS-2951   |
| TEST REPORT                     | TR-25032   |
| PACKING STANDARD                | PST-25022  |
| INSTRUCTION MANUAL              | HIM-26004  |
| APPEARANCE CRITERIA No.         | QLS-A***   |

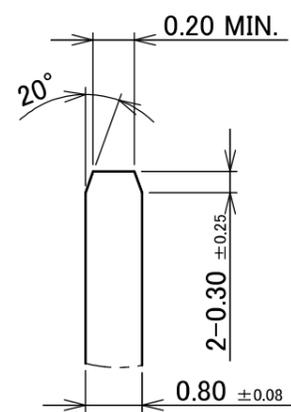
|                    |               |                  |           |                           |                  |               |              |           |
|--------------------|---------------|------------------|-----------|---------------------------|------------------|---------------|--------------|-----------|
| ANGLE              | $\pm 2^\circ$ | 6 OVER 30 MAX.   | $\pm 0.3$ | PROJECTION<br>            | SERIES No.<br>R2 | CUSTOMER COPY |              |           |
| 6 MAX.             | $\pm 0.2$     | 30 OVER 120 MAX. | $\pm 0.5$ |                           |                  |               |              |           |
| GENERAL TOLERANCE. |               |                  |           | TITLE<br>SX-M2<br>(KEY B) | SCALE<br>-       | <b>I-PEX</b>  |              |           |
| DWG.               | DATE          |                  |           |                           |                  |               |              |           |
| CHK.               |               |                  |           |                           |                  |               |              |           |
| APP.               |               |                  |           |                           |                  |               |              |           |
|                    |               |                  |           | DWG. No.                  | 21065            | SIZE<br>A3    | SHEET<br>3/8 | REV.<br>0 |



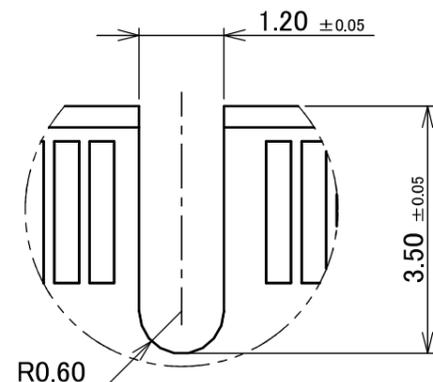
TOP VIEW



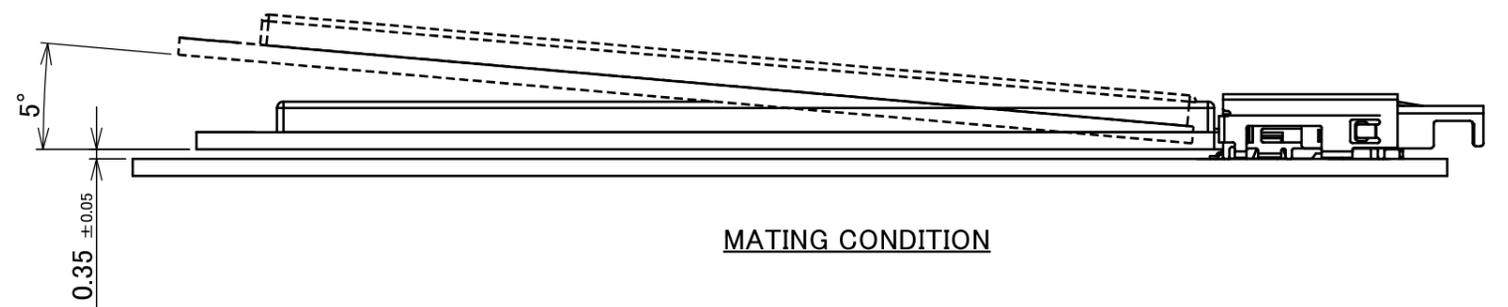
BOTTOM VIEW



DETAIL D  
(S = 10/1)



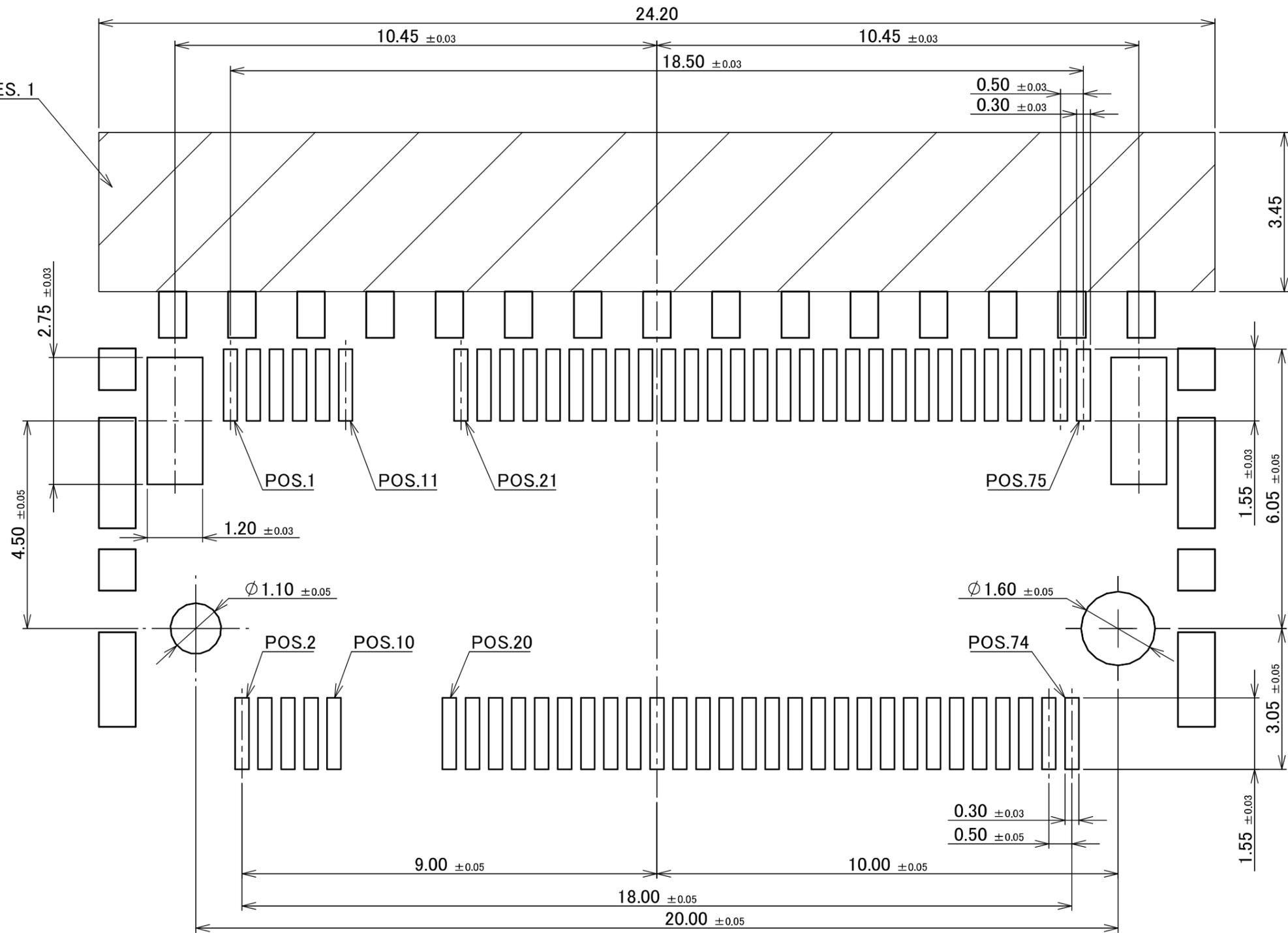
DETAIL E  
(S = 10/1)



MATING CONDITION

|                    |      |                  |      |                           |                  |               |       |  |  |
|--------------------|------|------------------|------|---------------------------|------------------|---------------|-------|--|--|
| ANGLE              | ±2°  | 6 OVER 30 MAX.   | ±0.3 | PROJECTION<br>⊕           | SERIES No.<br>R2 | CUSTOMER COPY |       |  |  |
| 6 MAX.             | ±0.2 | 30 OVER 120 MAX. | ±0.5 |                           |                  |               |       |  |  |
| GENERAL TOLERANCE. |      |                  |      | TITLE<br>SX-M2<br>(KEY B) |                  | SCALE<br>5:1  | I-PEX |  |  |
| DWG.               | DATE |                  |      | DWG. No.<br>21065         |                  | UNIT<br>mm    |       |  |  |
| CHK.               |      |                  |      |                           |                  |               |       |  |  |
| APP.               |      |                  |      |                           |                  |               |       |  |  |

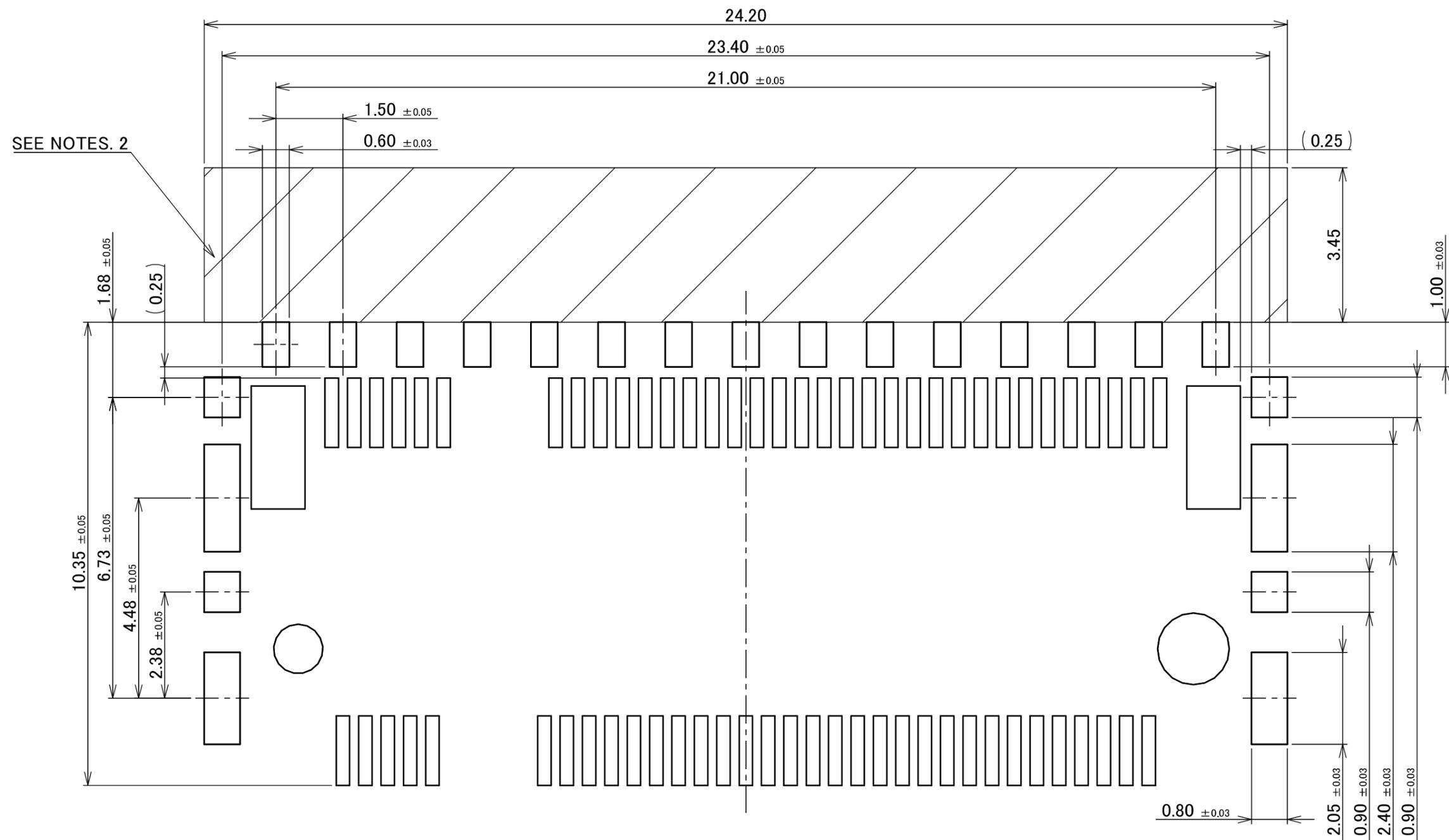
SEE NOTES. 1



**RECOMMENDED PCB & METAL MASK LAYOUT**  
 (CONTACT AND HOLD DOWN)  
 METAL MASK THICKNESS : t=0.10 mm

NOTES.  
 1. DO NOT MOUNT ANOTHER COMPONENT IN THIS AREA

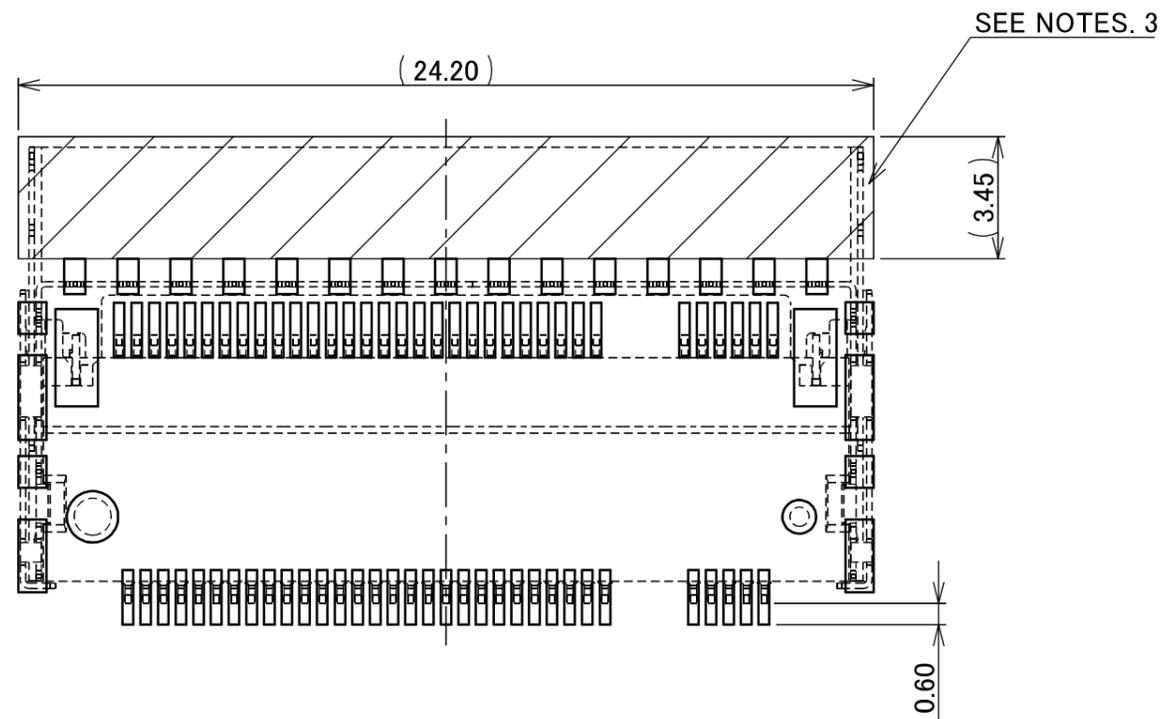
|                    |      |                  |      |                           |                  |                      |              |           |
|--------------------|------|------------------|------|---------------------------|------------------|----------------------|--------------|-----------|
| ANGLE              | ±2°  | 6 OVER 30 MAX.   | ±0.3 | PROJECTION<br>            | SERIES No.<br>R2 | CUSTOMER COPY        |              |           |
| 6 MAX.             | ±0.2 | 30 OVER 120 MAX. | ±0.5 |                           |                  |                      |              |           |
| GENERAL TOLERANCE. |      |                  |      | TITLE<br>SX-M2<br>(KEY B) | SCALE<br>10:1    | UNIT<br><b>I-PEX</b> |              |           |
| DWG.               | DATE |                  |      |                           |                  |                      |              |           |
| CHK.               |      |                  |      |                           |                  |                      |              |           |
| APP.               |      |                  |      |                           |                  |                      |              |           |
|                    |      |                  |      | DWG. No.                  | 21065            | SIZE<br>A3           | SHEET<br>5/8 | REV.<br>0 |



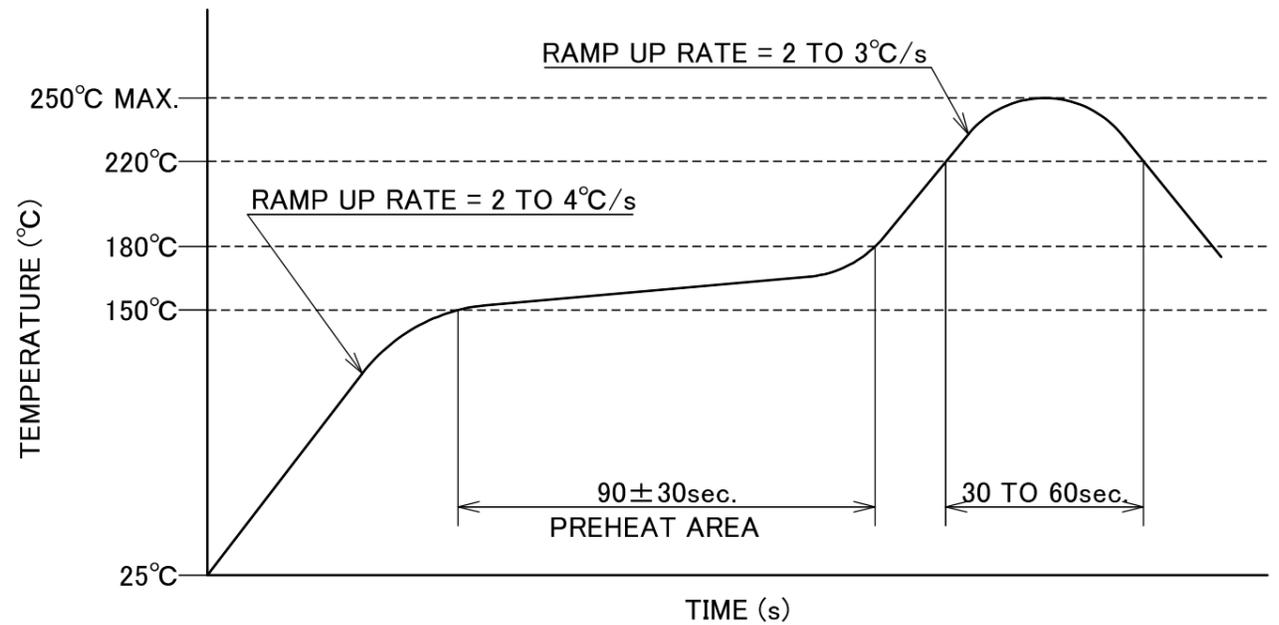
RECOMMENDED PCB & METAL MASK LAYOUT  
(SHIELD SHELL)  
METAL MASK THICKNESS : t=0.10 mm

NOTES.  
2. DO NOT MOUNT ANOTHER COMPONENT IN THIS AREA

|                    |      |                  |      |                  |                  |               |              |           |
|--------------------|------|------------------|------|------------------|------------------|---------------|--------------|-----------|
| ANGLE              | ±2°  | 6 OVER 30 MAX.   | ±0.3 | PROJECTION<br>⊕  | SERIES No.<br>R2 | CUSTOMER COPY |              |           |
| 6 MAX.             | ±0.2 | 30 OVER 120 MAX. | ±0.5 |                  |                  |               |              |           |
| GENERAL TOLERANCE. |      |                  |      | TITLE            |                  | SCALE         | I-PEX        |           |
| DWG.               | DATE |                  |      | SX-M2<br>(KEY B) |                  | 10:1          |              |           |
| CHK.               |      |                  |      |                  |                  | UNIT<br>mm    |              |           |
| APP.               |      |                  |      | DWG. No.         | 21065            | SIZE<br>A3    | SHEET<br>6/8 | REV.<br>0 |



CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN

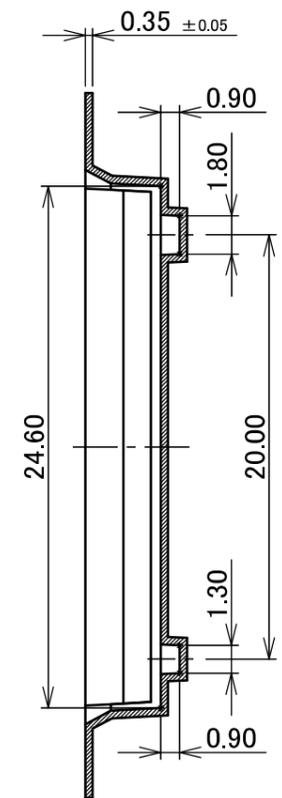
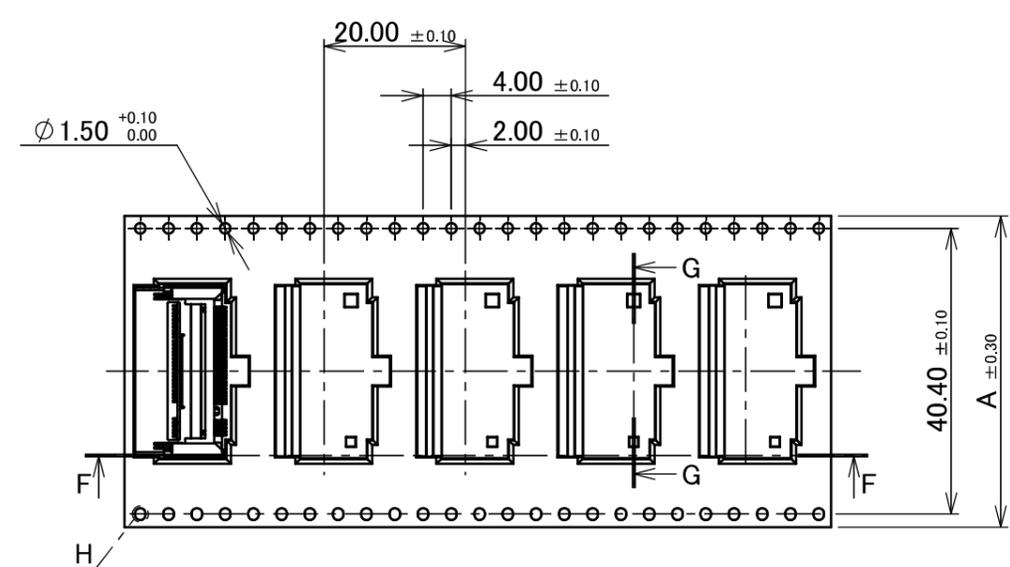
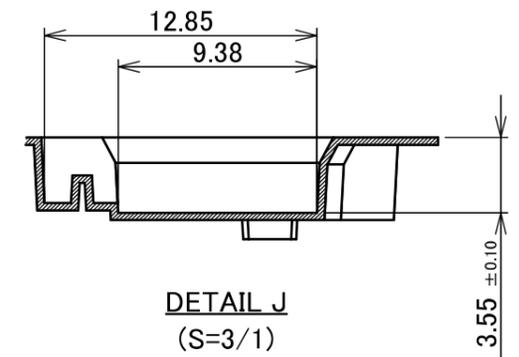
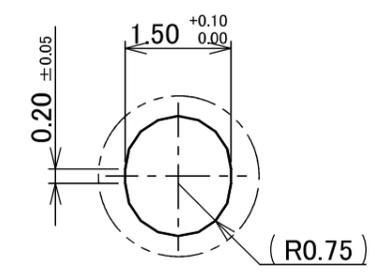
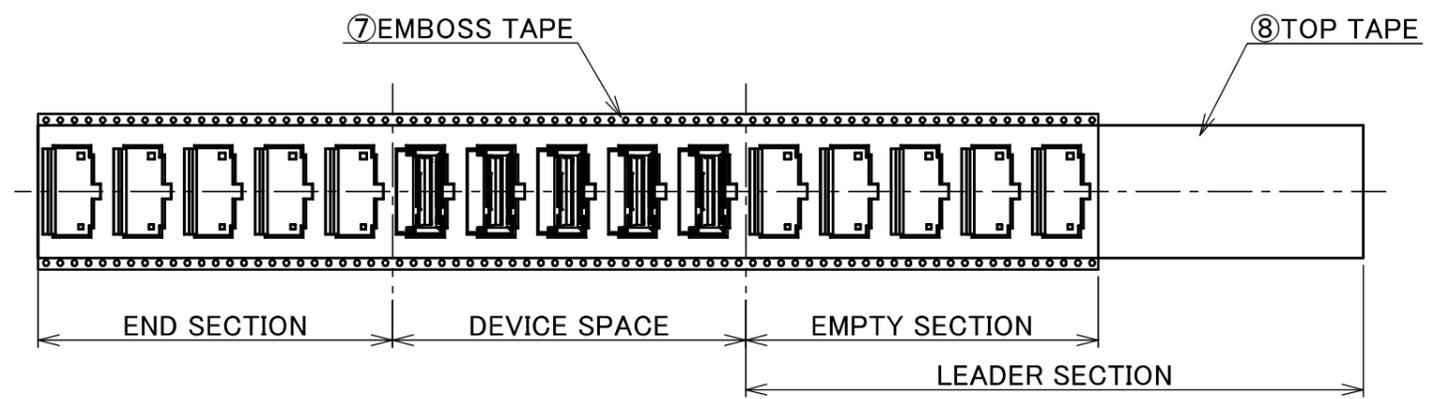
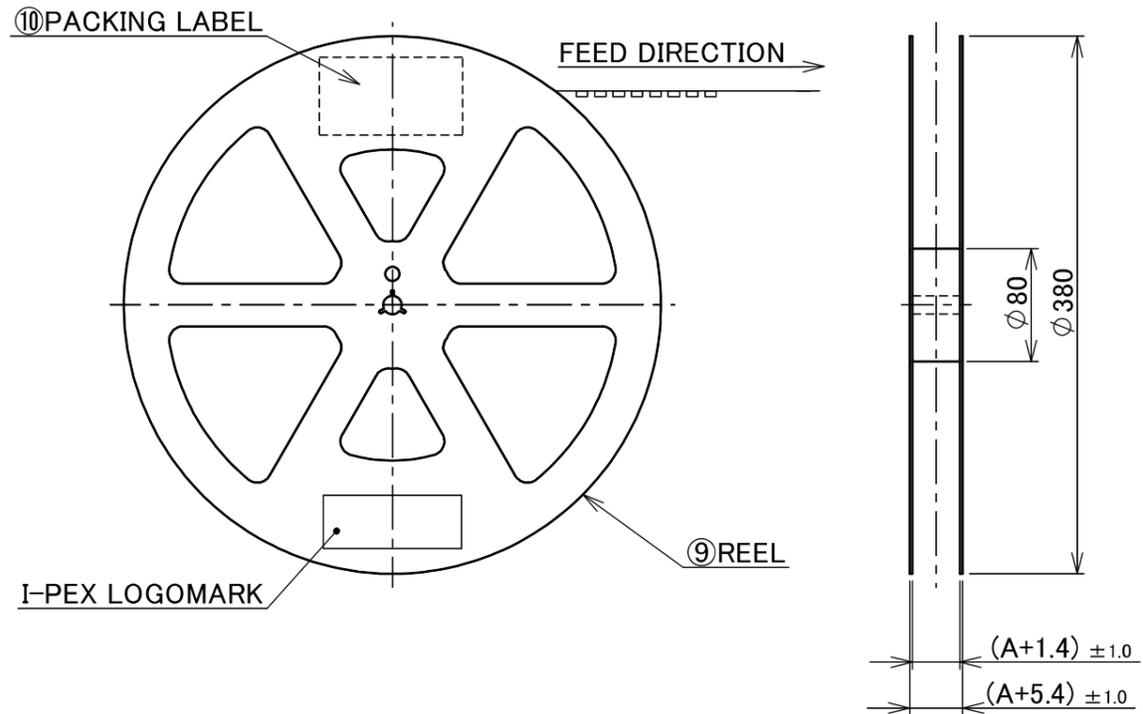


REFLOW TEMPERATURE PROFILE  
 SENJU METAL INDUSTRY CO., LTD. : M705-SHF(Sn96.5 Ag3.0 Cu0.5)

NOTES.  
 3. DO NOT MOUNT ANOTHER COMPONENT IN THIS AREA

|                    |      |                  |      |                           |                  |                      |              |           |
|--------------------|------|------------------|------|---------------------------|------------------|----------------------|--------------|-----------|
| ANGLE              | ±2°  | 6 OVER 30 MAX.   | ±0.3 | PROJECTION<br>            | SERIES No.<br>R2 | CUSTOMER COPY        |              |           |
| 6 MAX.             | ±0.2 | 30 OVER 120 MAX. | ±0.5 |                           |                  |                      |              |           |
| GENERAL TOLERANCE. |      |                  |      | TITLE<br>SX-M2<br>(KEY B) | SCALE<br>5:1     | UNIT<br><b>I-PEX</b> |              |           |
| DWG.               | DATE |                  |      |                           |                  |                      |              |           |
| CHK.               |      |                  |      |                           |                  |                      |              |           |
| APP.               |      |                  |      |                           |                  |                      |              |           |
|                    |      |                  |      | DWG. No.                  | 21065            | SIZE<br>A3           | SHEET<br>7/8 | REV.<br>0 |

|               |       |   |   |
|---------------|-------|---|---|
| PART NO.      | A     | QTY. PER EMBOSS REEL<br>(PIECES / REEL) | QTY. PER PACKING CARTON<br>(REELS / CARTON) |
| 21065-067E-01 | 44.00 | 1,000 PIECES / REEL                     | 3 REELS / CARTON = 3,000 PIECES / CARTON    |



- NOTES.
- TAPING SPECIFICATION FOLLOWS JIS C 0806 (IEC 60286-3).
  - EMPTY SECTION OF LEADER AND END ON EACH END OF THE TAPE FOLLOW JIS C 0806 (IEC 60286-3).
  - TOP TAPE SHALL NOT STICK OUT FROM EMBOSS TAPE.
  - TOP TAPE SHALL NOT COVER FEED HOLE.

| NO. | DESCRIPTION   | MATERIAL         | FINISH, REMARKS         |
|-----|---------------|------------------|-------------------------|
| 10  | PACKING LABEL | -                | -                       |
| 9   | REEL          | PS               | ANTI-STATIC TYPE, BLACK |
| 8   | TOP TAPE      | PET TRANSPARENCY | ANTI-STATIC TYPE        |
| 7   | EMBOSS TAPE   | PS TRANSPARENCY  | ANTI-STATIC TYPE        |

|                    |               |                  |           |                           |                  |               |  |
|--------------------|---------------|------------------|-----------|---------------------------|------------------|---------------|--|
| ANGLE              | $\pm 2^\circ$ | 6 OVER 30 MAX.   | $\pm 0.3$ | PROJECTION<br>            | SERIES No.<br>R2 | CUSTOMER COPY |  |
| 6 MAX.             | $\pm 0.2$     | 30 OVER 120 MAX. | $\pm 0.5$ |                           |                  |               |  |
| GENERAL TOLERANCE. |               |                  |           | TITLE<br>SX-M2<br>(KEY B) | SCALE<br>X:1     | I-PEX         |  |
| DWG.               | DATE          |                  |           |                           |                  |               |  |
| CHK.               |               |                  |           |                           |                  |               |  |
| APP.               |               |                  |           |                           |                  |               |  |
| DWG. No. 21065     |               |                  |           | SIZE<br>A3                | SHEET<br>8/8     | REV.<br>0     |  |

Confidential C

I-PEX Inc.

QKE-DFE06-02 REV.12