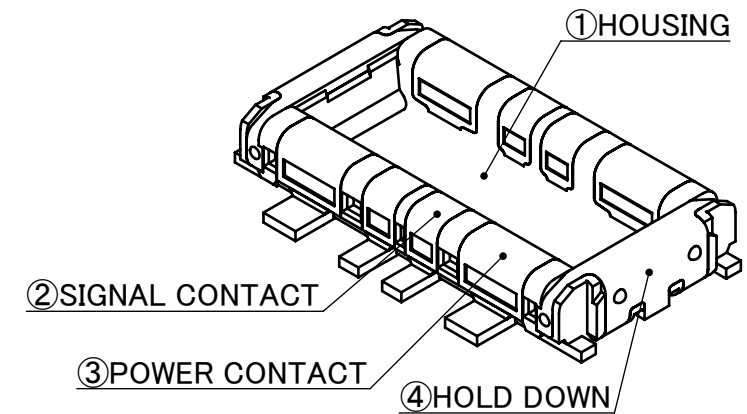
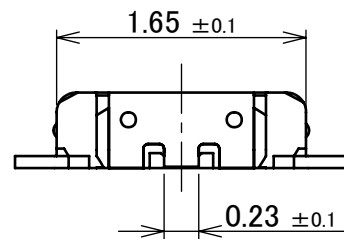
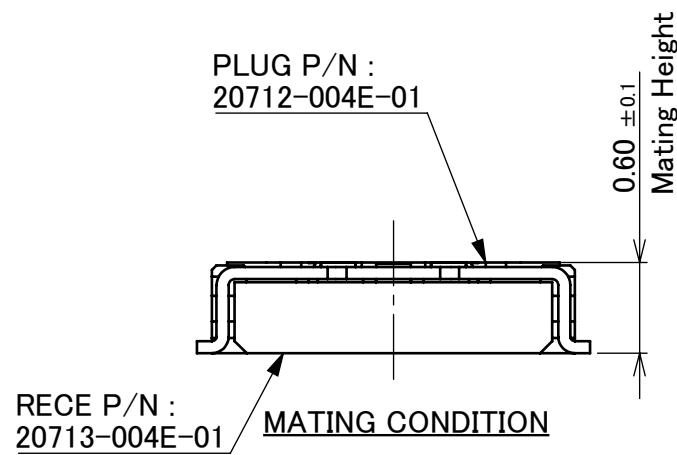
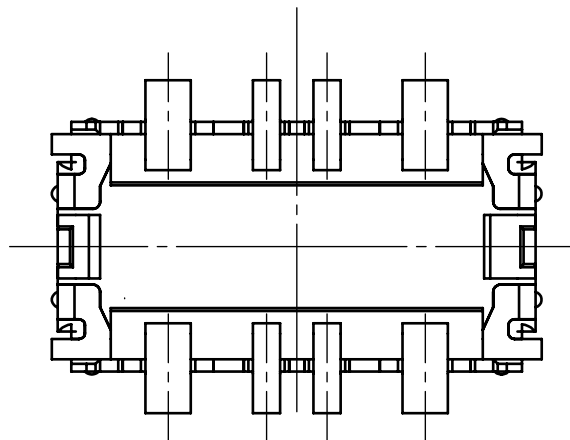
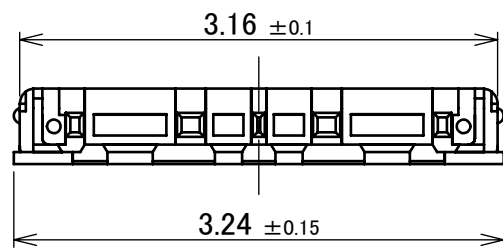
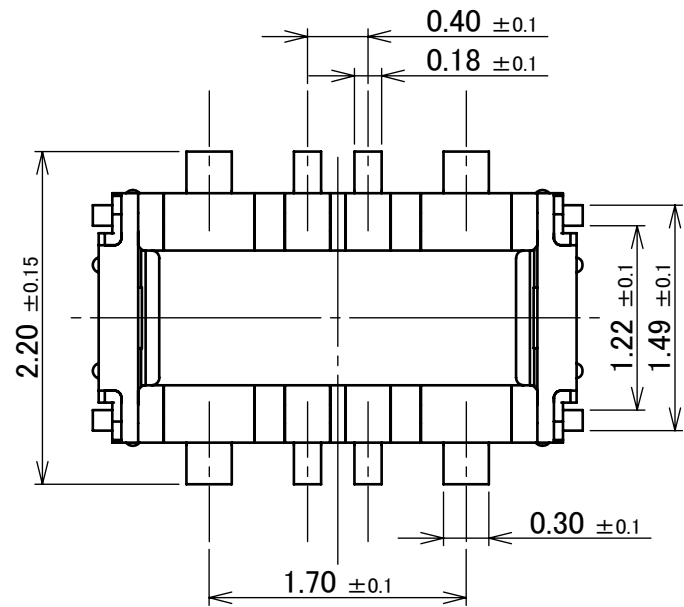
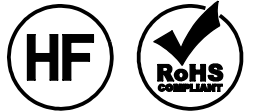


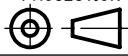
| | |
|-----------------|---------------|
| Recommended P/N | 20712-004E-01 |
| PART No. | Q'ty/REEL |
| 20712-004E-01 | 20K |
| 20712-004E-02 | 5K |



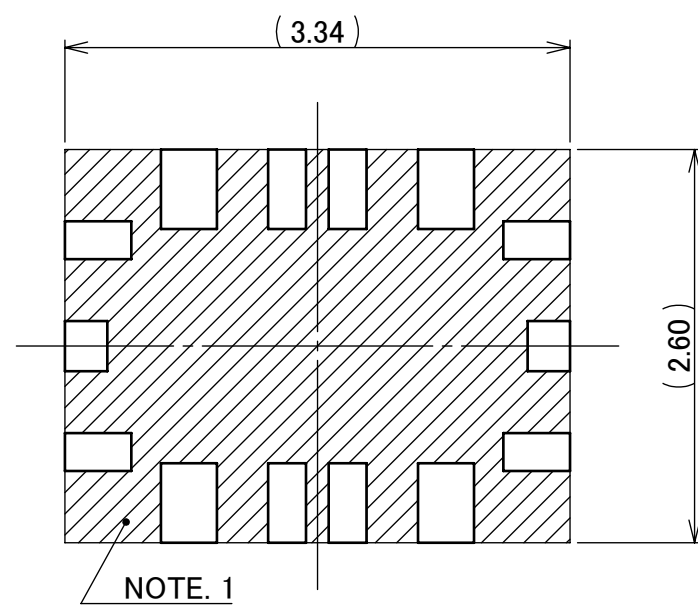
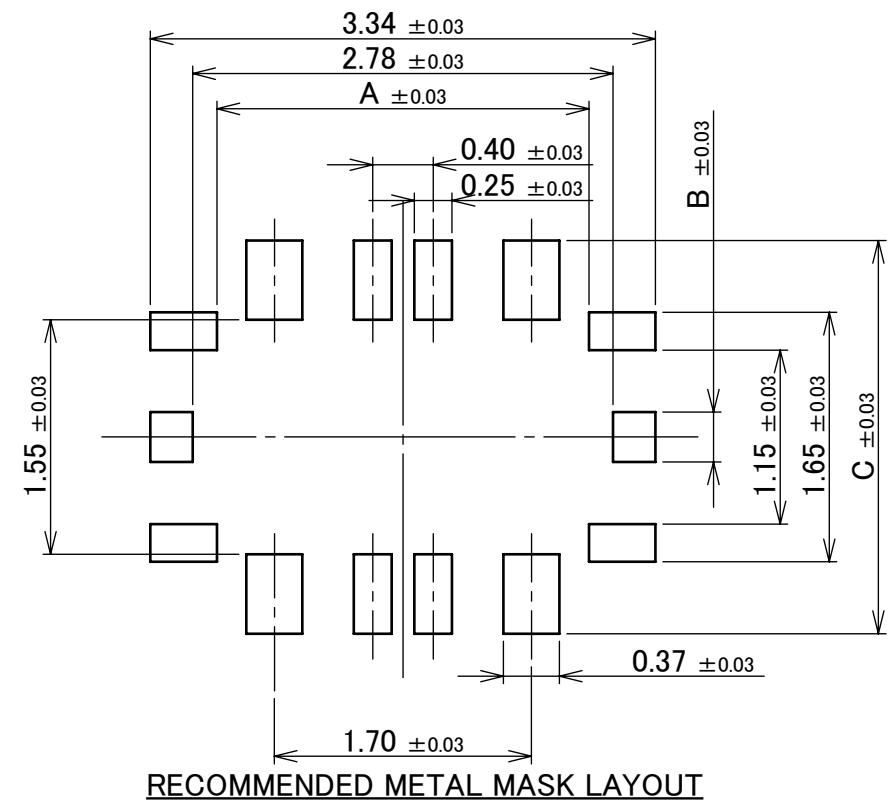
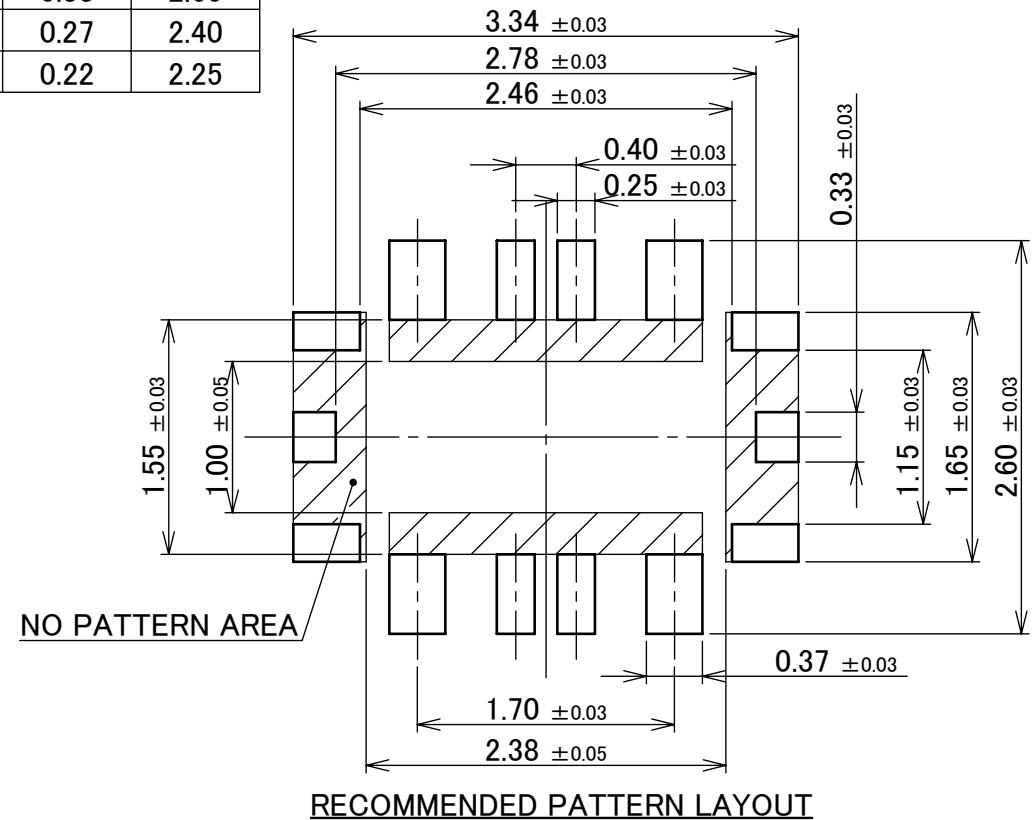
| NO. | DISCRIPTION | MATERIAL | FINISH , REMARKS |
|-----|----------------|-----------------|--|
| 4 | HOLD DOWN | PHOSPHOR BRONZE | ALL OVER Ni 1.27 μ m MIN. SOLDERING PART Au 0.02 μ m MIN. |
| 3 | POWER CONTACT | CORSON ALLOY | ALL OVER Ni 1.27 μ m MIN. CONTACT PART Au 0.05 μ m MIN./ SOLDERING PART Au 0.02 μ m MIN. |
| 2 | SIGNAL CONTACT | CORSON ALLOY | ALL OVER Ni 1.27 μ m MIN. CONTACT PART Au 0.05 μ m MIN./ SOLDERING PART Au 0.02 μ m MIN. |
| 1 | HOUSING | LCP | UL94V-0, BLACK |

| REV. | ECN | BY | DATE | APP. | DESCRIPTION | APPROVAL | DATE | PROJECTION | SERIES No. | TITLE | SCALE | SHEET | REV. |
|-----------------|---------|-----|------------|------|--------------------|----------|------------|----------------------------|------------|---------------|-------|-------|------|
| REVISION RECORD | | | | | Y.Shimada | 20712 | 2016/08/09 | NOVASTACK®-B PLUG ASS'Y | R4 | CUSTOMER COPY | 20:1 | 1/5 | 3 |
| 3 | Z200713 | H.H | 2020/09/10 | Y.H | GENERAL TOLERANCE. | | | | | | | | |
| 2 | Z180691 | R/H | 2018/05/30 | TAK | DWG. | H.Ikari | 2016/08/09 | | | | | | |
| 1 | Z161155 | H.I | 2016/09/15 | Y.S | CHK. | - | | | | | | | |
| 0 | Z160990 | H.I | 2016/08/09 | | APP. | | | | | | | | |

| ITEMS | SPECIFICATION |
|---|---|
| RATING VOLTAGE | 50V AC (PER A CONTACT) |
| RATING AMPERAGE (FOR SIGNAL CONTACT) | 1.0A AC/DC (PER A CONTACT)/ 4.0A AC/DC(TOTAL) |
| RATING AMPERAGE (FOR POWER CONTACT) | 6.0A AC/DC (PER A CONTACT)/ 24.0A AC/DC(TOTAL) |
| OPERATING TEMPERATURE | 233~358K(-40°C~+85°C) |
| OPERATING HUMIDITY | 85% MAX.(NON-CONDENSING) |
| CONTACT RESISTANCE (FOR SIGNAL CONTACT) | INITIAL : 40mohm MAX. / AFTER TEST : Δ 20mohm MAX. |
| CONTACT RESISTANCE (FOR POWER CONTACT) | INITIAL : 20mohm MAX. / AFTER TEST : Δ 20mohm MAX. |
| INSULATION RESISTANCE | INITIAL : 1,000Mohm MIN. / AFTER TEST : 100Mohm MIN. |
| DIELECTRIC WITHSTANDING VOLTAGE | AC250V 1min |
| DURABILITY | 30 CYCLES |
| MATING FORCE (INITIAL / AFTER TEST) | 40N MAX. |
| UNMATING FORCE (INITIAL / AFTER TEST) | INITIAL: 10N MIN. AFTER TEST: 7N MIN. |
| COPLANARITY | 0.08 MAX. |
| PRODUCT SPECIFICATION | PRS-2284 |
| TEST REPORT | TR-16098 |
| PACKING STANDARD | PST-15122 (20K/REEL) PST-16056 (5K/REEL) |
| INSTRUCTION MANUAL | HIM-16033 |
| APPEARANCE CRITERIA No. | QLS-A*** |

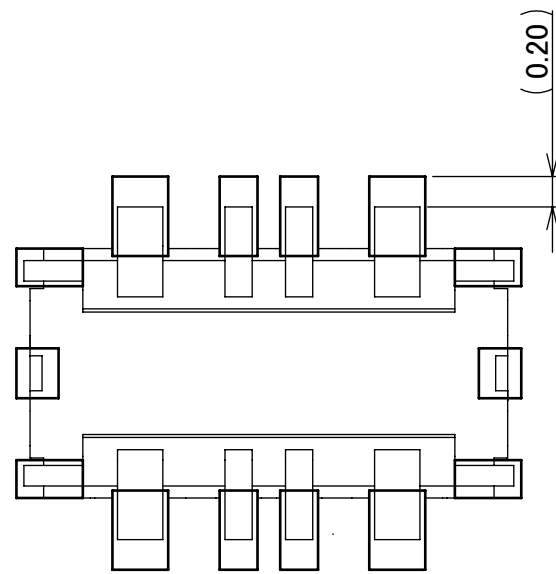
| | | | | | | | | |
|--------------------|---------------|------------------|-----------|---|------------------|---------------|-------|------|
| ANGLE | $\pm 2^\circ$ | 6 OVER 30 MAX. | ± 0.3 | PROJECTION  | SERIES No. R4 | CUSTOMER COPY | | |
| 6 MAX. | ± 0.2 | 30 OVER 120 MAX. | ± 0.5 | | | | | |
| GENERAL TOLERANCE. | | | | TITLE NOVASTACK [®] -B PLUG ASS'Y | SCALE | I-PEX | | |
| DWG. | DATE | | | | | | | |
| CHK. | | | | | | | | |
| APP. | | | | | | | | |
| | | | | DWG. No. | 20712 | SIZE | SHEET | REV. |
| | | | | | | A3 | 2/5 | 3 |

| MASK THICKNESS | A | B | C |
|----------------|------|------|------|
| t=0.08 | 2.46 | 0.33 | 2.60 |
| t=0.1 | 2.63 | 0.27 | 2.40 |
| t=0.12 | 2.75 | 0.22 | 2.25 |

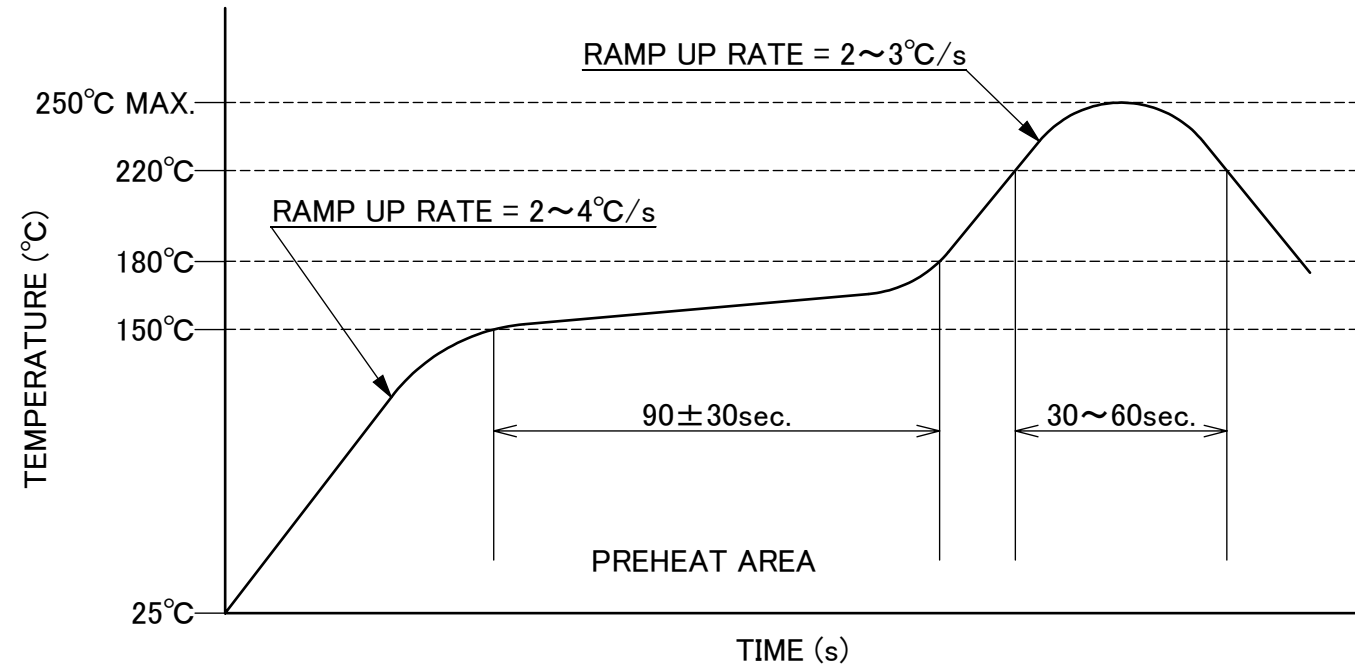


NOTES.
1. THIS AREA CANNOT MOUNT ANOTHER COMPONENTS.

| | | | | | | | | |
|--------------------|--------|----------------|------------------|--------------|------------|---------------|------|-------|
| ANGLE | ±2° | 6 OVER 30 MAX. | ±0.3 | PROJECTION | SERIES No. | CUSTOMER COPY | | |
| | 6 MAX. | ±0.2 | 30 OVER 120 MAX. | ±0.5 | R4 | I-PEX | | |
| GENERAL TOLERANCE. | | | | TITLE | | SCALE | | |
| DWG. | DATE | | | NOVASTACK®-B | | 20:1 | | |
| CHK. | | | | PLUG ASS'Y | | UNIT | | |
| APP. | | | | DWG. No. | | mm | SIZE | SHEET |
| | | | | 20712 | | A3 | 3/5 | REV. |
| | | | | | | | | 3 |



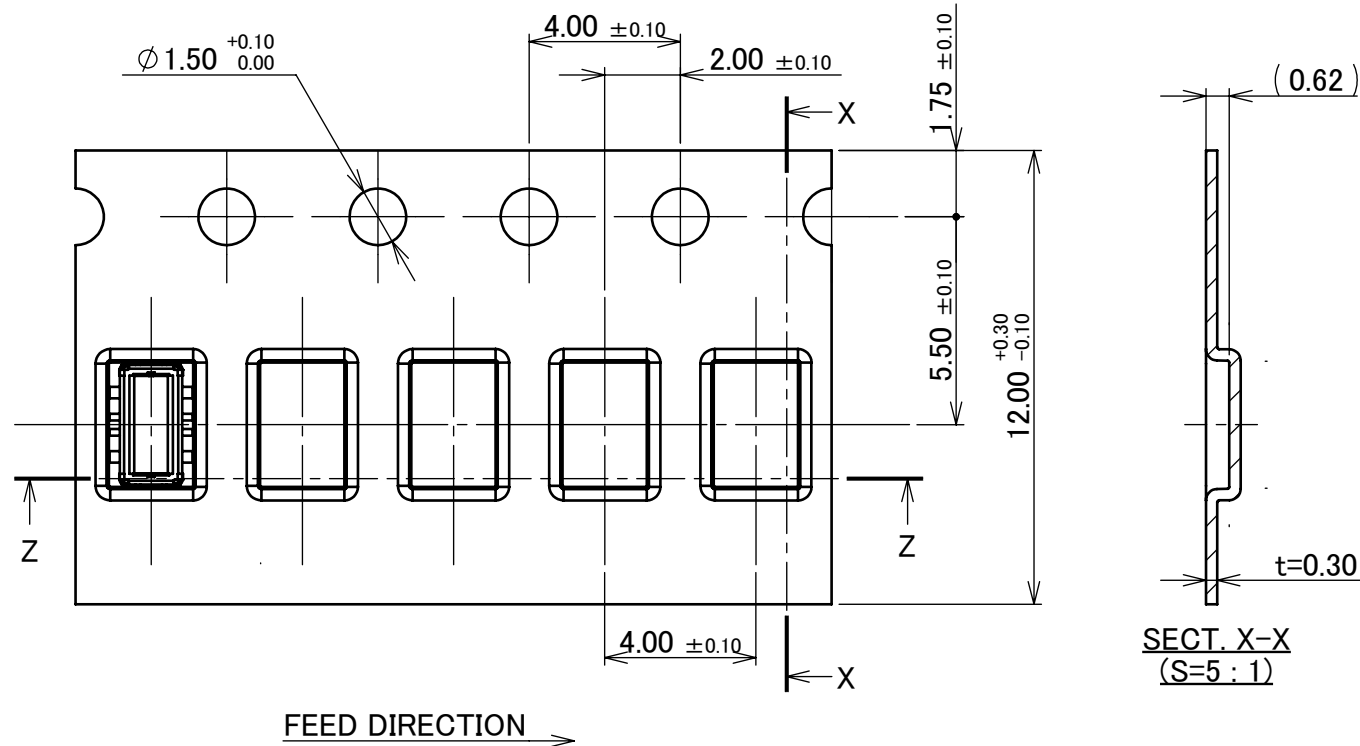
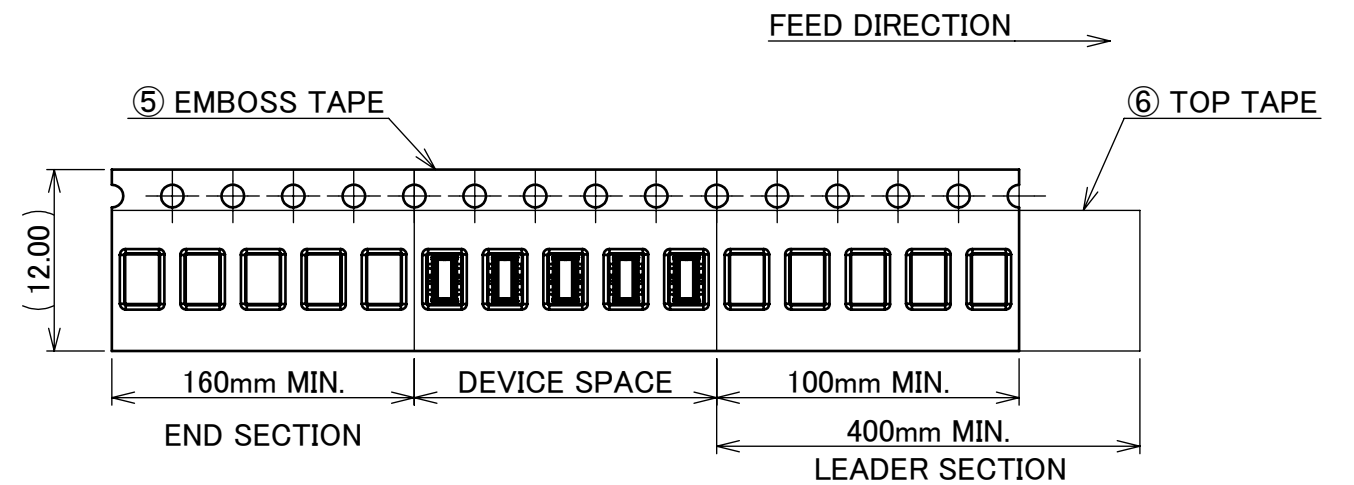
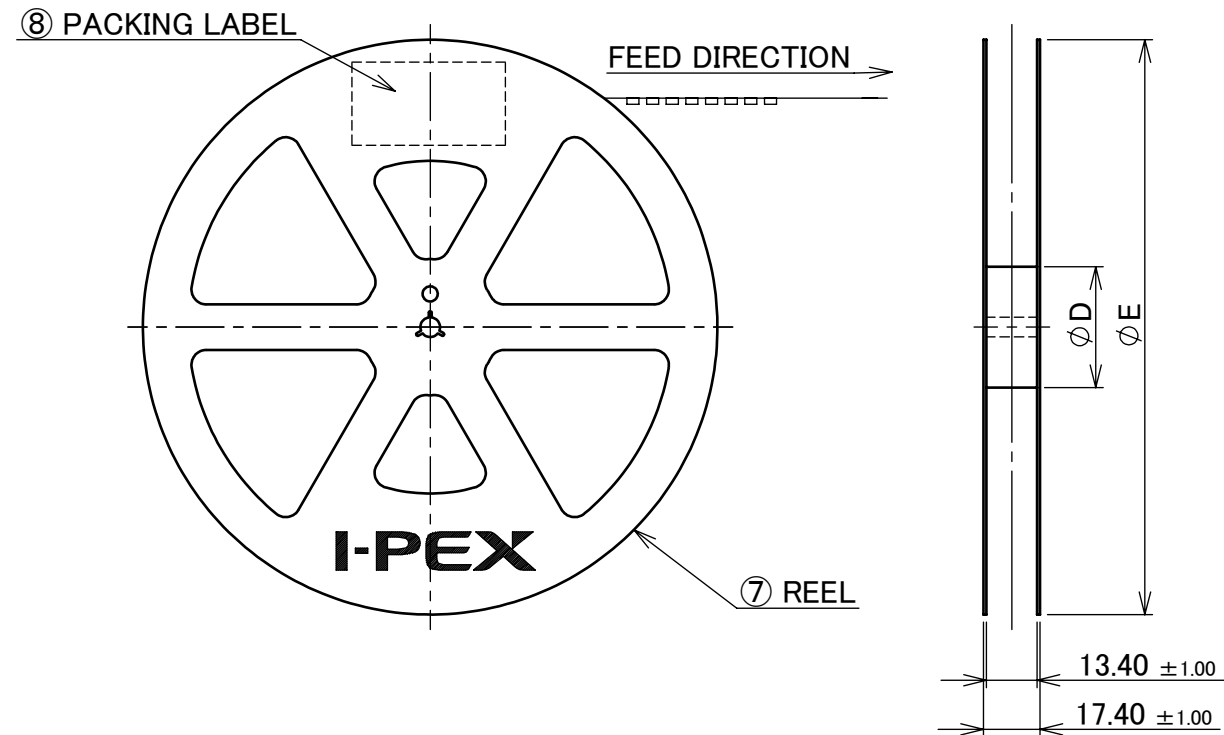
CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN



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

| | | | | | | | | |
|--------------------|------|------------------|------|-------------------------------------|------------------|----------------------|--------------|-----------|
| ANGLE | ±2° | 6 OVER 30 MAX. | ±0.3 | PROJECTION | SERIES No. R4 | CUSTOMER COPY | | |
| 6 MAX. | ±0.2 | 30 OVER 120 MAX. | ±0.5 | | | | | |
| GENERAL TOLERANCE. | | | | TITLE NOVASTACK®-B PLUG ASS'Y | SCALE 20:1 | UNIT I-PEX | | |
| DWG. | DATE | | | | | | | |
| CHK. | | | | | | | | |
| APP. | | | | | | | | |
| | | | | DWG. No. | 20712 | SIZE A3 | SHEET 4/5 | REV. 3 |

| PART NO. | D | E | QTY. PER EMBOSS REEL (PIECES / REEL) | QTY. PER PACKING CARTON (REELS / CARTON) |
|---------------|-----|-----|---|---|
| 20712-004E-01 | 80 | 380 | 20,000 / REEL | 20,000 × 8 REELS = 160,000 |
| 20712-004E-02 | 100 | 254 | 5,000 / REEL | 5,000 × 8 REELS = 40,000 |



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

| NO. | DESCRIPTION | MATERIAL | FINISH, REMARKS |
|--------------------|----------------------------|-----------------------------|------------------------|
| 8 | PACKING LABEL | - | - |
| 7 | REEL | PS | ANTI-STATIC TYPE BLACK |
| 6 | TOP TAPE | PET t=0.062 TRANSPARENCY | ANTI-STATIC TYPE |
| 5 | EMBOSS TAPE | PS TRANSPARENCY | ANTI-STATIC TYPE |
| GENERAL TOLERANCE. | | TITLE | SCALE |
| ANGLE | ±2° 6 OVER 30 MAX. ±0.3 | NOVASTACK®-B PLUG ASS'Y | 1:X |
| 6 MAX. | ±0.2 30 OVER 120 MAX. ±0.5 | | UNIT |
| DWG. DATE | | DWG. No. 20712 | mm |
| CHK. | | | SIZE |
| APP. | | | SHEET 5/5 |
| | | | REV. 3 |