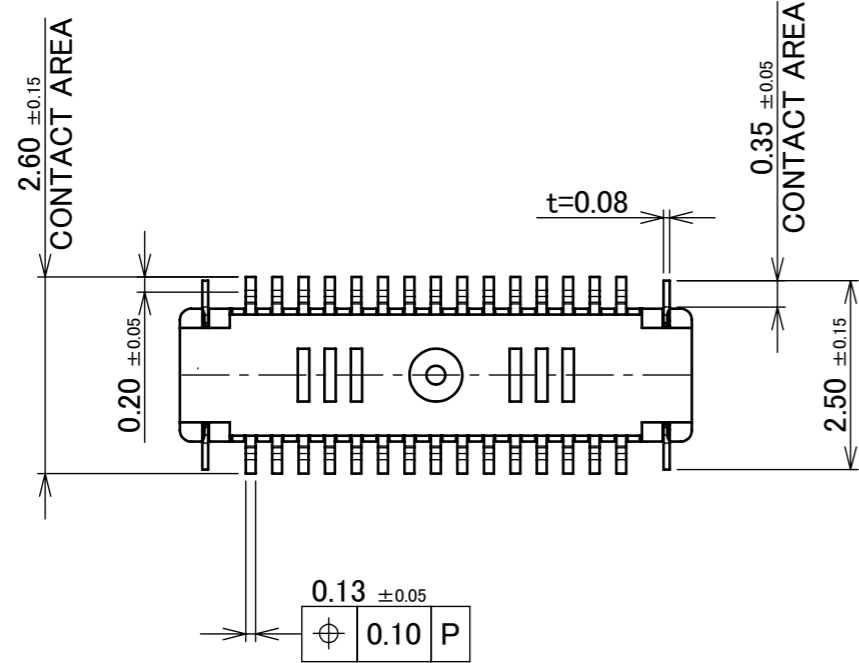
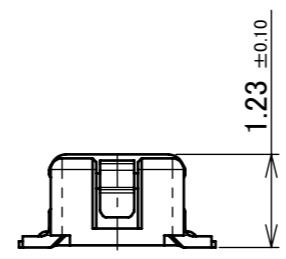
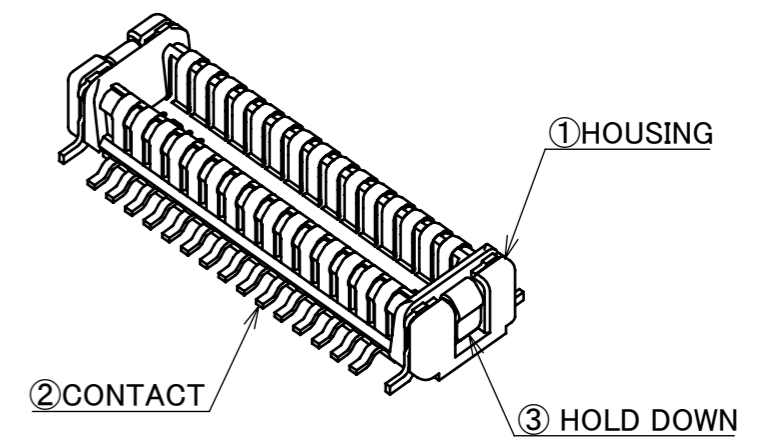
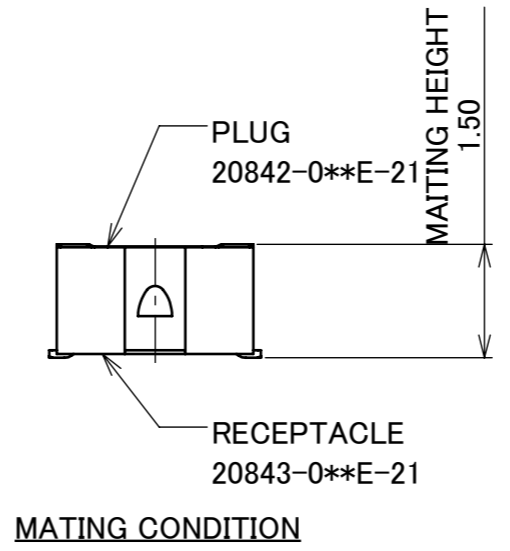
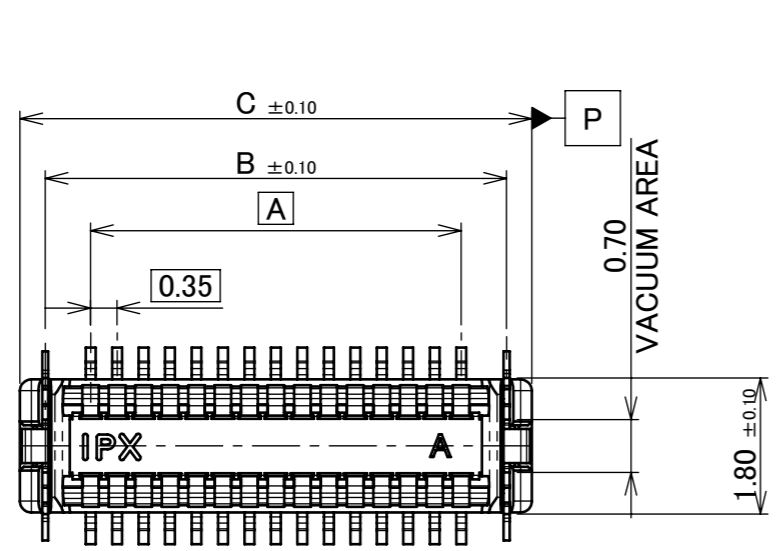


Recommended P/N 20842-0**E-21

| PART No. | Pos | A | B | C |
|---------------|-----|------|------|-------|
| 20842-010E-21 | 10 | 1.40 | 2.60 | 3.27 |
| 20842-030E-21 | 30 | 4.90 | 6.10 | 6.77 |
| 20842-040E-21 | 40 | 6.65 | 7.85 | 8.52 |
| 20842-050E-21 | 50 | 8.40 | 9.60 | 10.27 |

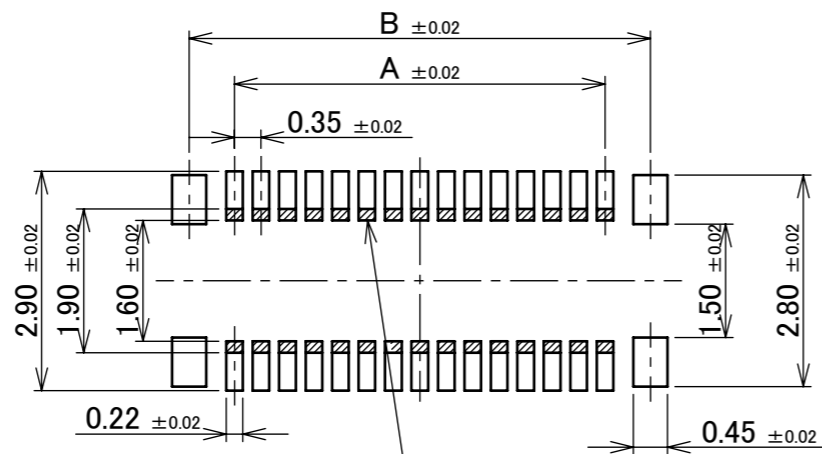
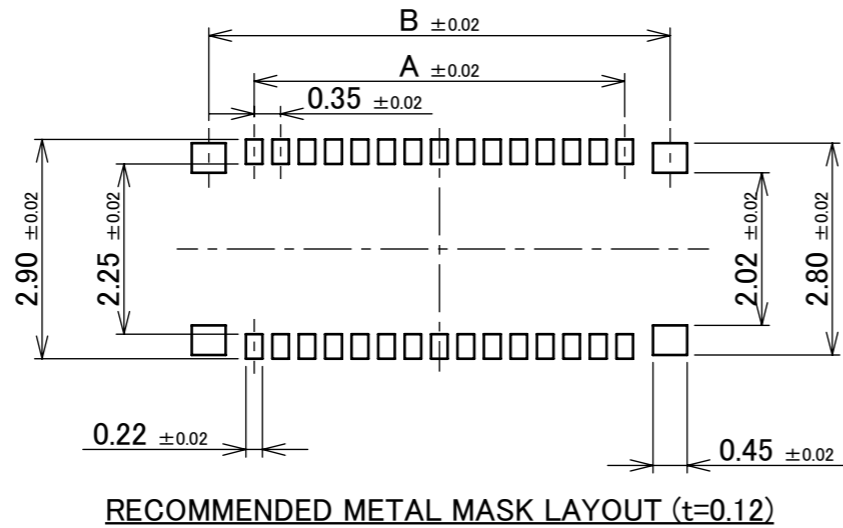


| NO. | DESCRIPTION | MATERIAL | FINISH, REMARKS | | | | | | | | |
|-----------------|-------------|--------------|--------------------------------------------------------------------------------------------|------|--------------------|------------|------------------|--------------------------------------------|---------------|------------------|---------------|
| 3 | HOLD DOWN | CORSON ALLOY | ALL OVER Ni 1.27 μm MIN. CONTACT PART Au 0.10 μm MIN. SOLDERING PART Au 0.01 μm MIN. | | | | | | | | |
| 2 | CONTACT | CORSON ALLOY | ALL OVER Ni 1.27 μm MIN. CONTACT PART Au 0.10 μm MIN. SOLDERING PART Au 0.01 μm MIN. | | | | | | | | |
| 1 | HOUSING | LCP | UL94V-0, BEIGE | | | | | | | | |
| REVISION RECORD | | | | | | | | | | | |
| 6 | Z241412 | R.TA | Oct./10/'24 | S.S | ANGLE | ±2° | 6 OVER 30 MAX. | ±0.3 | PROJECTION | SERIES No. R2 | CUSTOMER COPY |
| 5 | Z231318 | Miya | Oct./30/'23 | Y.H | 6 MAX. | ±0.2 | 30 OVER 120 MAX. | ±0.5 | | | |
| 4 | Z220202 | TSU | 2022/02/25 | Y.H | GENERAL TOLERANCE. | | | TITLE NOVASTACK® 35-PH PLUG ASSEMBLY | SCALE 10:1 | UNIT mm | I-PEX |
| 3 | Z190998 | KAG | Jul./29/'19 | Y,S | DWG. | DATE | | | | | |
| 2 | Z190298 | R.S | Mar./01/'19 | TAK | T.Fukushima | | 2018/03/23 | | | | |
| 1 | Z181014 | R.H | Aug./01/'18 | TAK | CHK. | S.Hamada | | DWG. No. 20842 | SIZE A3 | SHEET 1/5 | REV. 6 |
| REV. | ECN | BY | DATE | APP. | APP. | T.Hirakawa | | | | | |

| ITEMS | SPECIFICATION |
|-----------------------------------------|-----------------------------------------------------------------------------|
| APPLICABLE CONNECTOR PART No. | 20843-0**E-21 |
| RATING VOLTAGE | 50V AC (r.m.s)/DC (PER CONTACT PIN) |
| RATING AMPERAGE (FOR SIGNAL CONTACT) | 0.3A MAX. AC/DC (PER CONTACT PIN) 40P AND OVER : 12.0A MAX. AC/DC(TOTAL) |
| RATING AMPERAGE (FOR POWER CONTACT) | 3.0A MAX. AC/DC (PER CONTACT PIN)/ 6.0A MAX. AC/DC (TOTAL) |
| OPERATING TEMPERATURE | 233~358K(-40°C~+85°C) |
| OPERATING HUMIDITY | 85% MAX.(NON-CONDENSING) |
| CONTACT RESISTANCE (FOR SIGNAL CONTACT) | INITIAL : 80mohm MAX. / AFTER TEST : \triangleleft 20mohm MAX. |
| CONTACT RESISTANCE (FOR POWER CONTACT) | INITIAL : 80mohm MAX. / AFTER TEST : \triangleleft 20mohm MAX. |
| INSULATION RESISTANCE | INITIAL : 1,000Mohm MIN. / AFTER TEST : 500Mohm MIN. |
| DIELECTRIC WITHSTANDING VOLTAGE | AC200V 1min |
| DURABILITY | 30 CYCLES |
| MATING FORCE (INITIAL) | 1.0N/PIN MAX. |
| UNMATING FORCE (AFTER TEST) | 0.15N/PIN MIN. |
| COPLANARITY | 0.10 MAX. |
| PRODUCT SPECIFICATION | PRS-2463 |
| TEST REPORT | TR-18014 |
| PACKING STANDARD | PST-17082 |
| INSTRUCTION MANUAL | HIM-18017 |
| APPEARANCE CRITERIA No. | QLS-A*** |

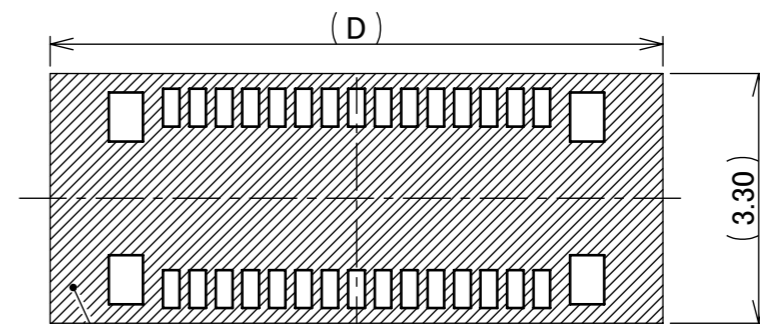
| | | | | | | | | |
|--------------------|---------------|------------------|-----------|--------------------------------------------|------------------|---------------|--------------|-----------|
| ANGLE | $\pm 2^\circ$ | 6 OVER 30 MAX. | ± 0.3 | PROJECTION | SERIES No. R2 | CUSTOMER COPY | | |
| 6 MAX. | ± 0.2 | 30 OVER 120 MAX. | ± 0.5 | | | | | |
| GENERAL TOLERANCE. | | | | TITLE NOVASTACK® 35-PH PLUG ASSEMBLY | SCALE | I-PEX | | |
| DWG. | DATE | | | | | | | |
| CHK. | | | | | | | | |
| APP. | | | | | | | | |
| | | | | DWG. No. | 20842 | SIZE A3 | SHEET 2/5 | REV. 6 |

| PART No. | Pos | A | B | D |
|---------------|-----|------|------|-------|
| 20842-010E-21 | 10 | 1.40 | 2.60 | 4.60 |
| 20842-030E-21 | 30 | 4.90 | 6.10 | 8.10 |
| 20842-040E-21 | 40 | 6.65 | 7.85 | 9.85 |
| 20842-050E-21 | 50 | 8.40 | 9.60 | 11.60 |



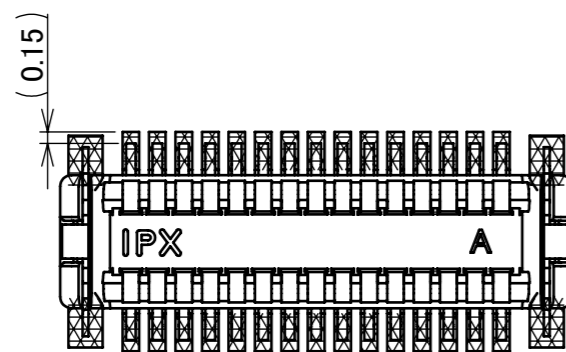
INSULATING AREA
(ONLY THE SAME SIGNAL CAN BE ARRANGE IN PATTERN)

**RECOMMENDED PAD LAYOUT
AND RESIST OR COVER LAY AREA**

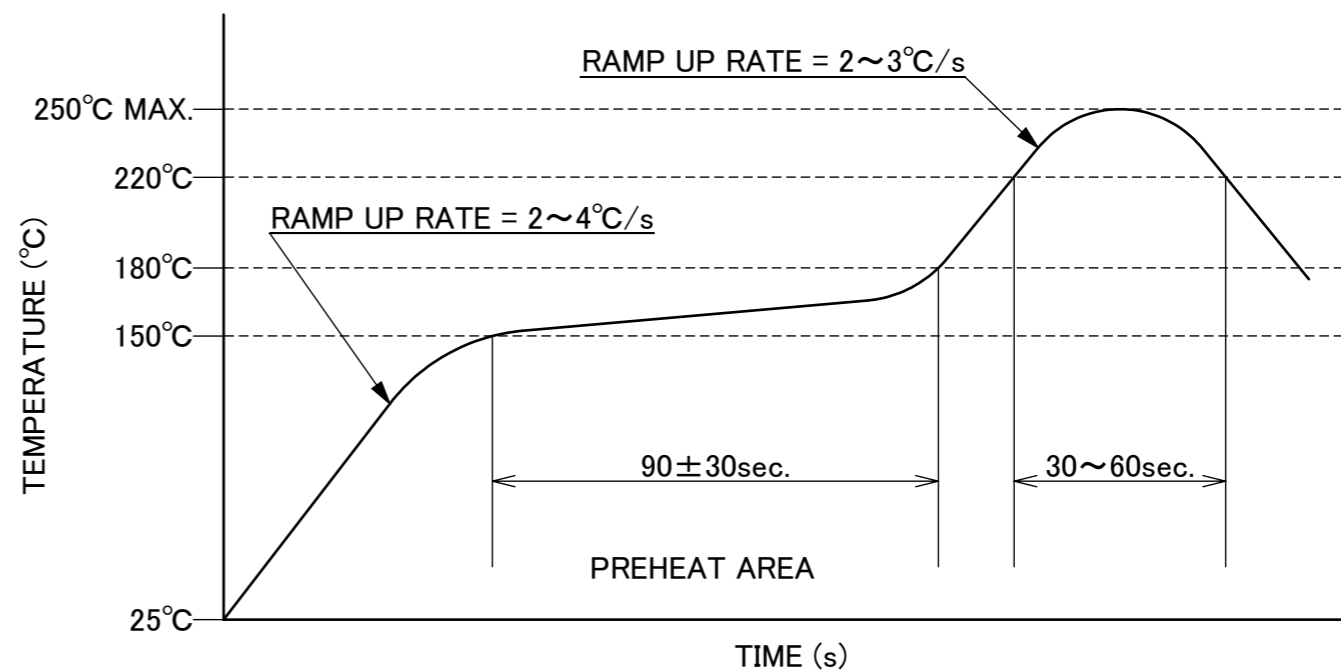


DO NOT MOUNT ANY OHTER COMPONENTS IN THIS AREA

| | | | | | | | |
|--------------------|--------|----------------|------------------|-----------------------------------|------------|---------------|--|
| ANGLE | ±2° | 6 OVER 30 MAX. | ±0.3 | PROJECTION | SERIES No. | CUSTOMER COPY | |
| | 6 MAX. | ±0.2 | 30 OVER 120 MAX. | ±0.5 | R2 | | |
| GENERAL TOLERANCE. | | | | TITLE | SCALE | I-PEX | |
| DWG. | DATE | | | NOVASTACK® 35-PH PLUG ASSEMBLY | 10:1 | | |
| CHK. | | | | DWG. No. | UNIT | | |
| APP. | | | | 20842 | mm | | |
| | | | | SIZE | SHEET | REV. | |
| | | | | A3 | 3/5 | 6 | |



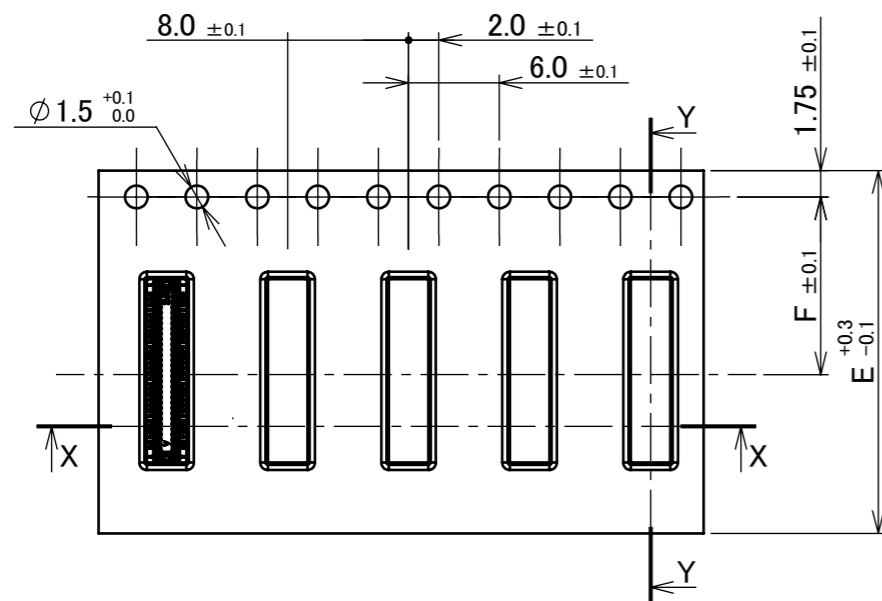
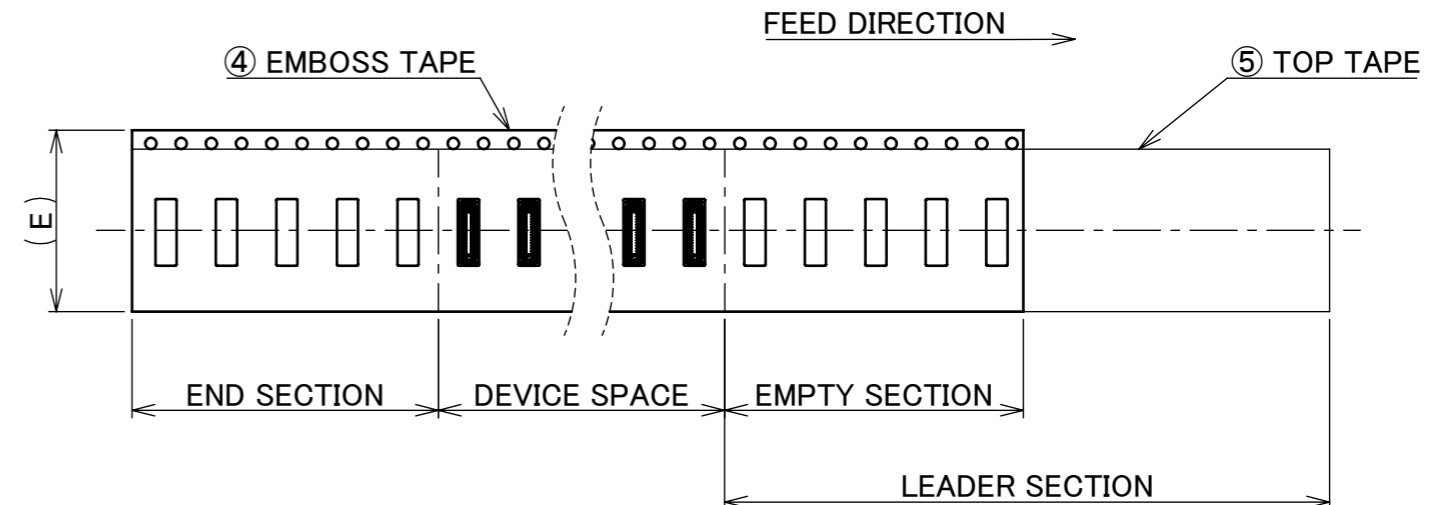
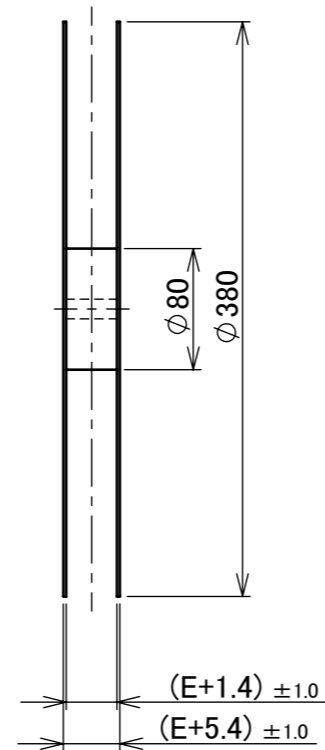
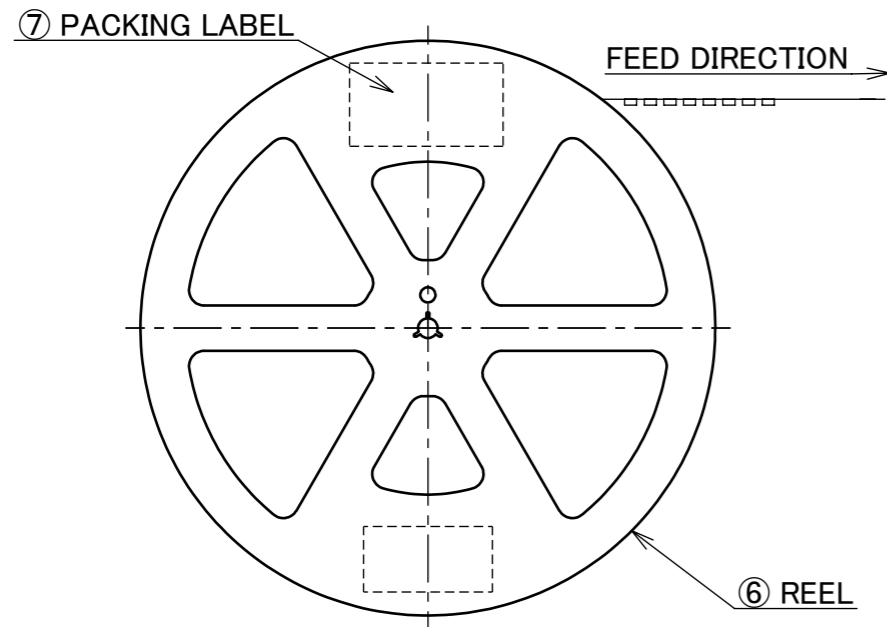
CONNECTOR ON RECOMMENDED PRINT PATTERN LAYOUT



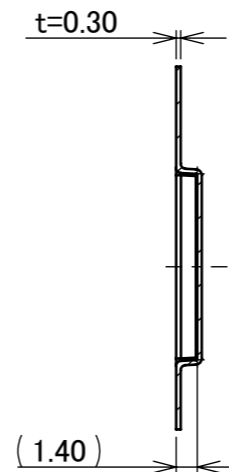
REFLOW TEMPERATURE PROFILE
 SENJU METAL INDUSTRY CO., LTD. : M705-SHF(Sn96.5 Ag3.0 Cu0.5)

| | | | | | | | | |
|--------------------|------|------------------|------|--------------------------------------------|------------------|---------------|-------|------|
| ANGLE | ±2° | 6 OVER 30 MAX. | ±0.3 | PROJECTION | SERIES No. R2 | CUSTOMER COPY | | |
| 6 MAX. | ±0.2 | 30 OVER 120 MAX. | ±0.5 | | | | | |
| GENERAL TOLERANCE. | | | | TITLE NOVASTACK® 35-PH PLUG ASSEMBLY | SCALE 10:1 | | | |
| DWG. | DATE | | | | | | | |
| CHK. | | | | | | | | |
| APP. | | | | | | | | |
| | | | | DWG. No. | 20842 | SIZE | SHEET | REV. |
| | | | | | | A3 | 4/5 | 6 |

| PART NO. | Pos. | E | F | G | QTY. PER EMBOSS REEL (PIECES / REEL) | QTY. PER PACKING CARTON |
|---------------|------|------|------|-------|-----------------------------------------|-------------------------|
| 20842-0**E-21 | 10P | 12.0 | 5.5 | 3.55 | 5,000 / REEL | 5,000 × 9 = 45,000 |
| | 30P | 16.0 | 7.5 | 7.05 | | 5,000 × 7 = 35,000 |
| | 40P | 24.0 | 11.5 | 8.80 | | 5,000 × 5 = 25,000 |
| | 50P | | | 10.55 | | |



SECT. X-X
(S= 2 : 1)



SECT. Y-Y
(S= 2 : 1)

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 |
|-----|---------------|-----------------------------|------------------------|
| 7 | PACKING LABEL | - | - |
| 6 | REEL | PS | ANTI-STATIC TYPE BLACK |
| 5 | TOP TAPE | PET t=0.062 TRANSPARENCY | ANTI-STATIC TYPE |
| 4 | EMBOSS TAPE | PS TRANSPARENCY | ANTI-STATIC TYPE |

| ANGLE | ±2° | 6 OVER 30 MAX. | ±0.3 | PROJECTION | SERIES No. | CUSTOMER COPY | | |
|--------------------|------|------------------|------|------------|-----------------------------------|---------------|-------|------|
| 6 MAX. | ±0.2 | 30 OVER 120 MAX. | ±0.5 | | R2 | | | |
| GENERAL TOLERANCE. | | | | TITLE | NOVASTACK® 35-PH PLUG ASSEMBLY | SCALE | | |
| DWG. | DATE | | | 1:X | | | | |
| CHK. | | | | UNIT | | | | |
| APP. | | | | mm | | | | |
| | | | | DWG. No. | 20842 | SIZE | SHEET | REV. |
| | | | | | | A3 | 5/5 | 6 |