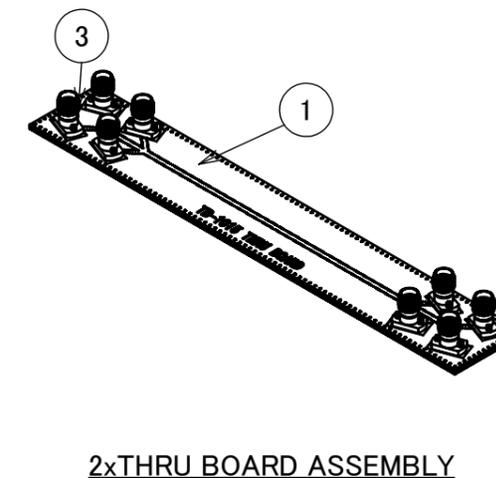
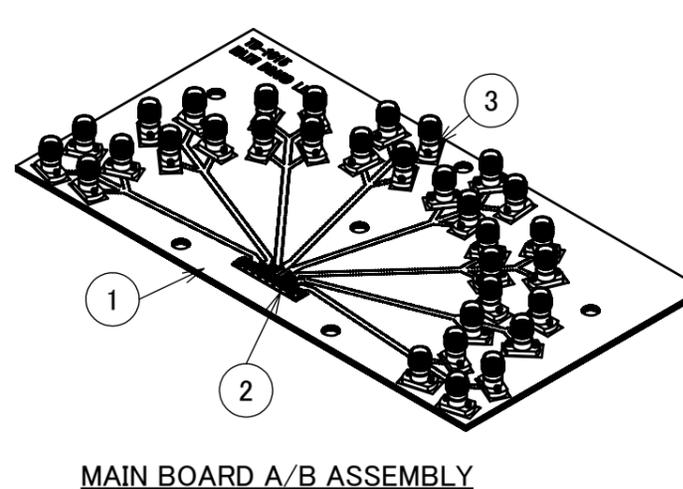
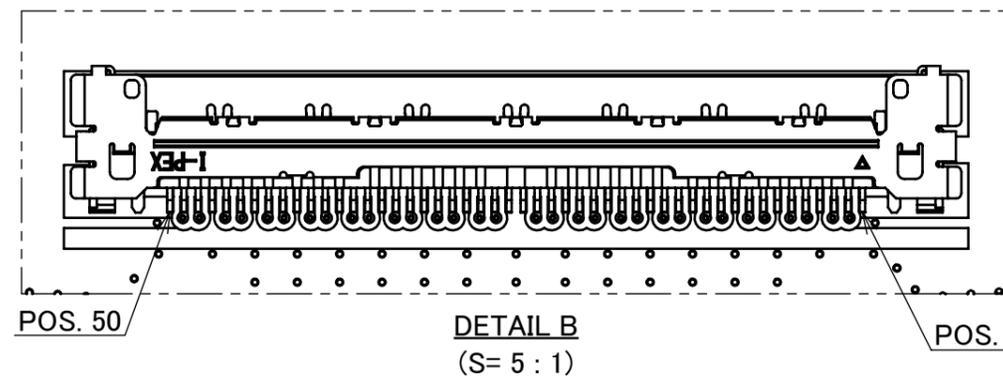
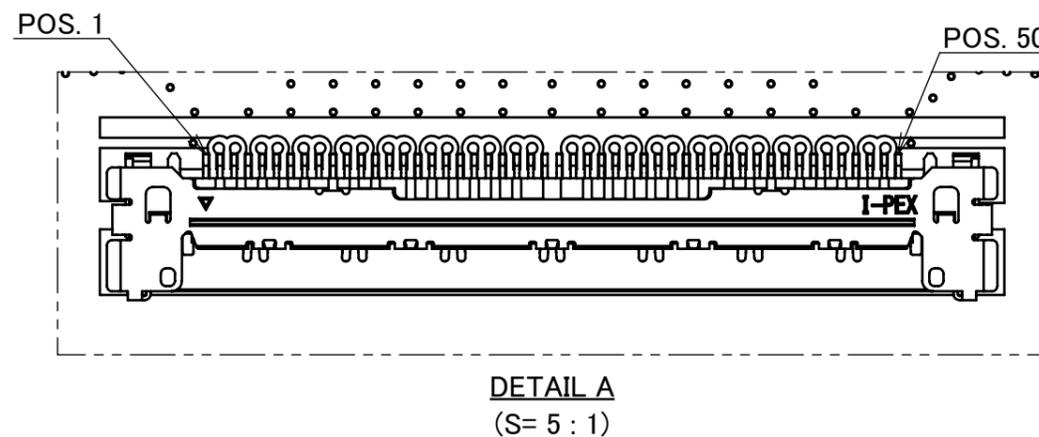
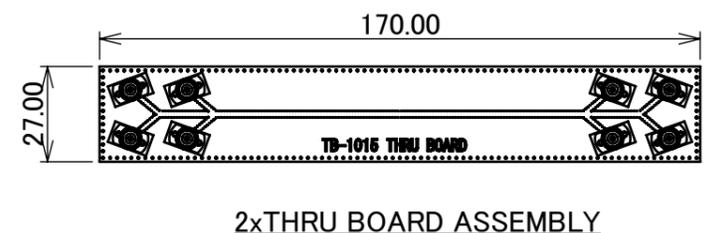
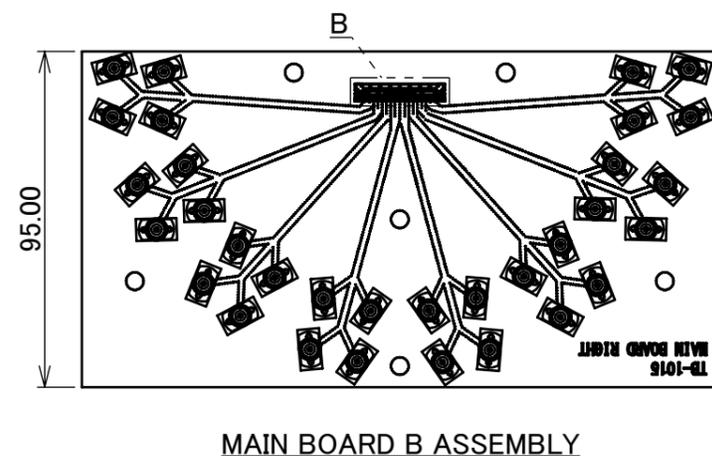
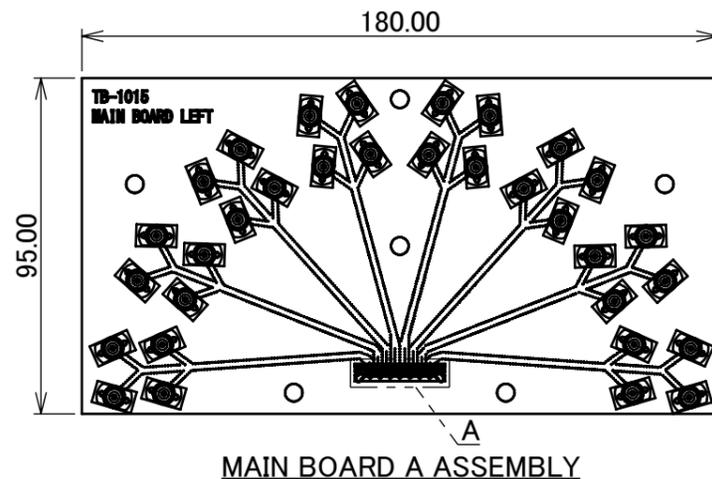


| PART NO. | STRUCTURE |
|----------------|--|
| 91566-050B-001 | MAIN BOARD A ASSEMBLY: 1PC MAIN BOARD B ASSEMBLY: 1PC 2xTHRU BOARD ASSEMBLY: 1PC |

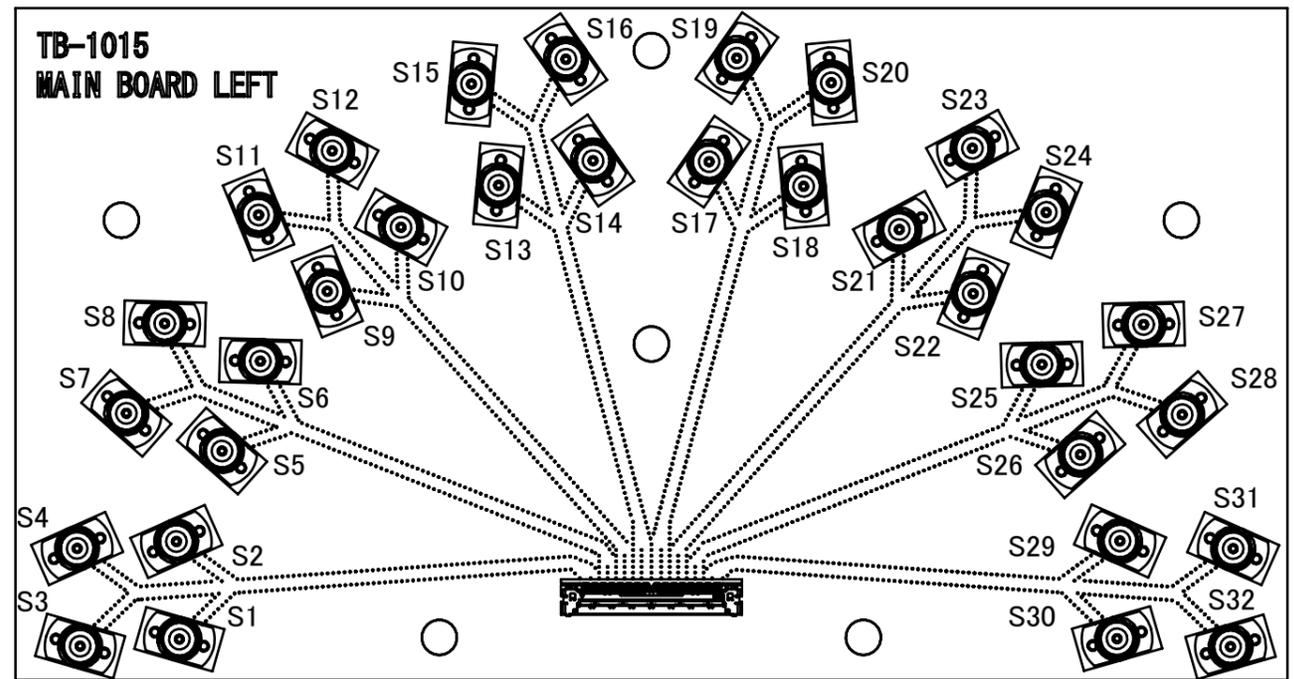


NOTES.

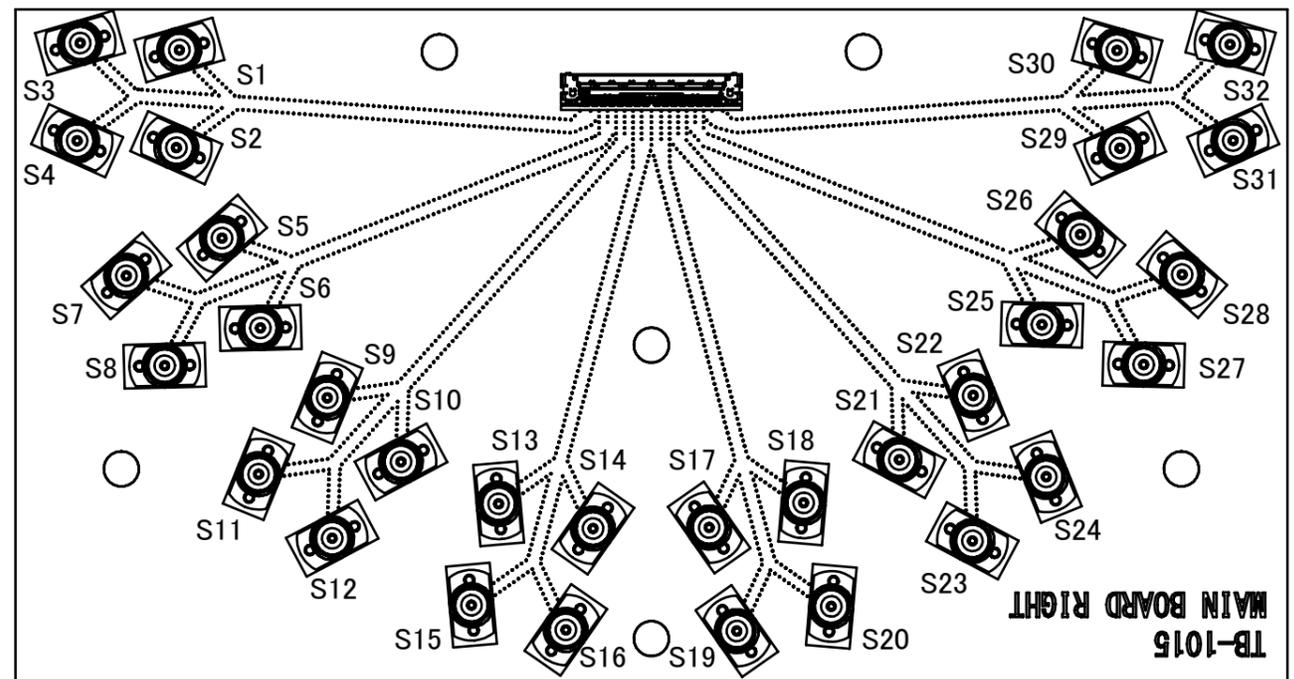
- FOR DETAILED INFORMATION ON THE STRUCTURE OF TEST BORD TB-1015, REFER TO REPORT # IER-001-10724.
- CHARACTERISTIC IMPEDANCE: $90\Omega \pm 10\%$ (DIFFERENTIAL-ENDED), $T_r=17.5ps$ (10-90%).
- APPLICABLE PLUG HARNESS:
CABLINÉ-CAP PADDLE CARD HARNESS (P/N: 81863-100B-0X)
- MAXIMUM MEASUREMENT FREQUENCY: 28GHz
- OTHER PIN CONFIGUATIONS CAN B PROVIE UPON REQUEST.

| NO. | DESCRIPTION | PART NO. | QTY | REMARKS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------|-----------------|------------------|---|-----------------------|---------------|----------------|-----------|----------------|-----------------------|---------------|--|--------|-----------|------------------|-----------|--------------------|--|--|--|---|--------------|------------|------|----------|------|------------|------|--------|-----------------|--|-------------------|------------|--------------|------|-----|----|------|------|------|---|
| 3 | 2.92mm CONNECTOR | 50104-J001 | 72 | JACK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | CONNECTOR | 20525-050E-02 | 2 | CABLINÉ-CA RECEPTACLE 50P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | TEST BOARD | TB-1015 | 1 | TEST BOARD THICKNESS: 1.52mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>ANGLE</td> <td>$\pm 2^\circ$</td> <td>6 OVER 30 MAX.</td> <td>± 0.3</td> <td rowspan="2">PROJECTION </td> <td rowspan="2">SERIES No. R0R10R0</td> <td rowspan="2">CUSTOMER COPY</td> </tr> <tr> <td></td> <td>6 MAX.</td> <td>± 0.2</td> <td>30 OVER 120 MAX.</td> <td>± 0.5</td> </tr> <tr> <td colspan="4">GENERAL TOLERANCE.</td> <td rowspan="2">TITLE CABLINÉ® -CAP 50P SI TEST BOARD ASSEMBLY</td> <td rowspan="2">SCALE 1:2</td> <td rowspan="2">UNIT mm</td> </tr> <tr> <td>DWG.</td> <td>T.Onishi</td> <td>DATE</td> <td>2024/08/28</td> </tr> <tr> <td>CHK.</td> <td>M.Muro</td> <td colspan="2">REVISION RECORD</td> <td rowspan="2">DWG. No. 91566</td> <td rowspan="2">SIZE A3</td> <td rowspan="2">SHEET 1/3</td> </tr> <tr> <td>REV.</td> <td>ECN</td> <td>BY</td> <td>DATE</td> <td>APP.</td> <td>REV.</td> <td>0</td> </tr> </table> | | | | | ANGLE | $\pm 2^\circ$ | 6 OVER 30 MAX. | ± 0.3 | PROJECTION | SERIES No. R0R10R0 | CUSTOMER COPY | | 6 MAX. | ± 0.2 | 30 OVER 120 MAX. | ± 0.5 | GENERAL TOLERANCE. | | | | TITLE CABLINÉ® -CAP 50P SI TEST BOARD ASSEMBLY | SCALE 1:2 | UNIT mm | DWG. | T.Onishi | DATE | 2024/08/28 | CHK. | M.Muro | REVISION RECORD | | DWG. No. 91566 | SIZE A3 | SHEET 1/3 | REV. | ECN | BY | DATE | APP. | REV. | 0 |
| ANGLE | $\pm 2^\circ$ | 6 OVER 30 MAX. | ± 0.3 | PROJECTION | SERIES No. R0R10R0 | CUSTOMER COPY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 6 MAX. | ± 0.2 | 30 OVER 120 MAX. | | | | ± 0.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GENERAL TOLERANCE. | | | | TITLE CABLINÉ® -CAP 50P SI TEST BOARD ASSEMBLY | SCALE 1:2 | UNIT mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DWG. | T.Onishi | DATE | 2024/08/28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHK. | M.Muro | REVISION RECORD | | DWG. No. 91566 | SIZE A3 | SHEET 1/3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| REV. | ECN | BY | DATE | | | | APP. | REV. | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| MAIN BOARD A | | MAIN BOARD B | |
|--------------|-----------|--------------|-----------|
| PIN POS. | ASIGNMENT | PIN POS. | ASIGNMENT |
| 1 | GND | 50 | GND |
| 2 | S1 | 49 | S1 |
| 3 | S2 | 48 | S2 |
| 4 | GND | 47 | GND |
| 5 | S3 | 46 | S3 |
| 6 | S4 | 45 | S4 |
| 7 | GND | 44 | GND |
| 8 | S5 | 43 | S5 |
| 9 | S6 | 42 | S6 |
| 10 | GND | 41 | GND |
| 11 | S7 | 40 | S7 |
| 12 | S8 | 39 | S8 |
| 13 | GND | 38 | GND |
| 14 | S9 | 37 | S9 |
| 15 | S10 | 36 | S10 |
| 16 | GND | 35 | GND |
| 17 | S11 | 34 | S11 |
| 18 | S12 | 33 | S12 |
| 19 | GND | 32 | GND |
| 20 | S13 | 31 | S13 |
| 21 | S14 | 30 | S14 |
| 22 | GND | 29 | GND |
| 23 | S15 | 28 | S15 |
| 24 | S16 | 27 | S16 |
| 25 | GND | 26 | GND |
| 26 | GND | 25 | GND |
| 27 | S17 | 24 | S17 |
| 28 | S18 | 23 | S18 |
| 29 | GND | 22 | GND |
| 30 | S19 | 21 | S19 |
| 31 | S20 | 20 | S20 |
| 32 | GND | 19 | GND |
| 33 | S21 | 18 | S21 |
| 34 | S22 | 17 | S22 |
| 35 | GND | 16 | GND |
| 36 | S23 | 15 | S23 |
| 37 | S24 | 14 | S24 |
| 38 | GND | 13 | GND |
| 39 | S25 | 12 | S25 |
| 40 | S26 | 11 | S26 |
| 41 | GND | 10 | GND |
| 42 | S27 | 9 | S27 |
| 43 | S28 | 8 | S28 |
| 44 | GND | 7 | GND |
| 45 | S29 | 6 | S29 |
| 46 | S30 | 5 | S30 |
| 47 | GND | 4 | GND |
| 48 | S31 | 3 | S31 |
| 49 | S32 | 2 | S32 |
| 50 | GND | 1 | GND |



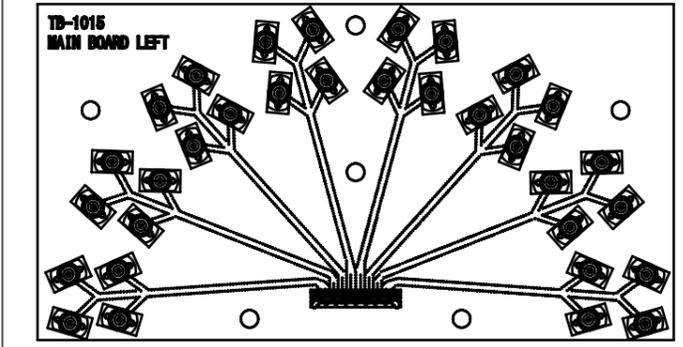
MAIN BOARD A ASSEMBLY



MAIN BOARD B ASSEMBLY

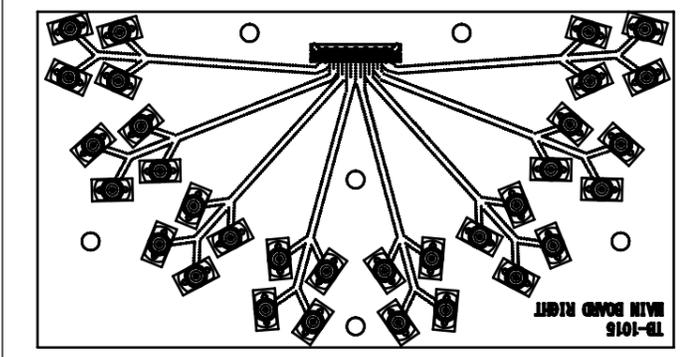
| | | | | | | | | | | |
|--------------------|--------|----------------|------------------|----------------|-----------------------|--|-------|--------------|------|--|
| ANGLE | ±2° | 6 OVER 30 MAX. | ±0.3 | PROJECTION | SERIES No. R0R10R0 | CUSTOMER COPY | | | | |
| | 6 MAX. | ±0.2 | 30 OVER 120 MAX. | | | | | | ±0.5 | |
| GENERAL TOLERANCE. | | | | | | TITLE CABLIN® -CAP 50P SI TEST BOARD ASSEMBLY | SCALE | I-PEX | | |
| DWG. | DATE | | | | | | 1:1 | | | |
| CHK. | | | | | | | UNIT | | | |
| APP. | | | | | | | mm | | | |
| DWG. No. 91566 | | | | | | SIZE | SHEET | REV. | | |
| | | | | | | A3 | 2/3 | 0 | | |

<LARGE BAG>
REUSABLE PLASTIC BAG



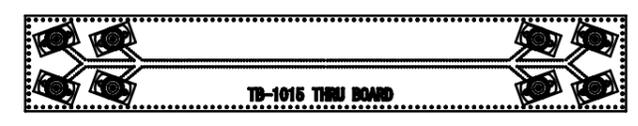
MAIN BOARD A ASSEMBLY

<SMALL BAG>
REUSABLE PLASTIC BAG



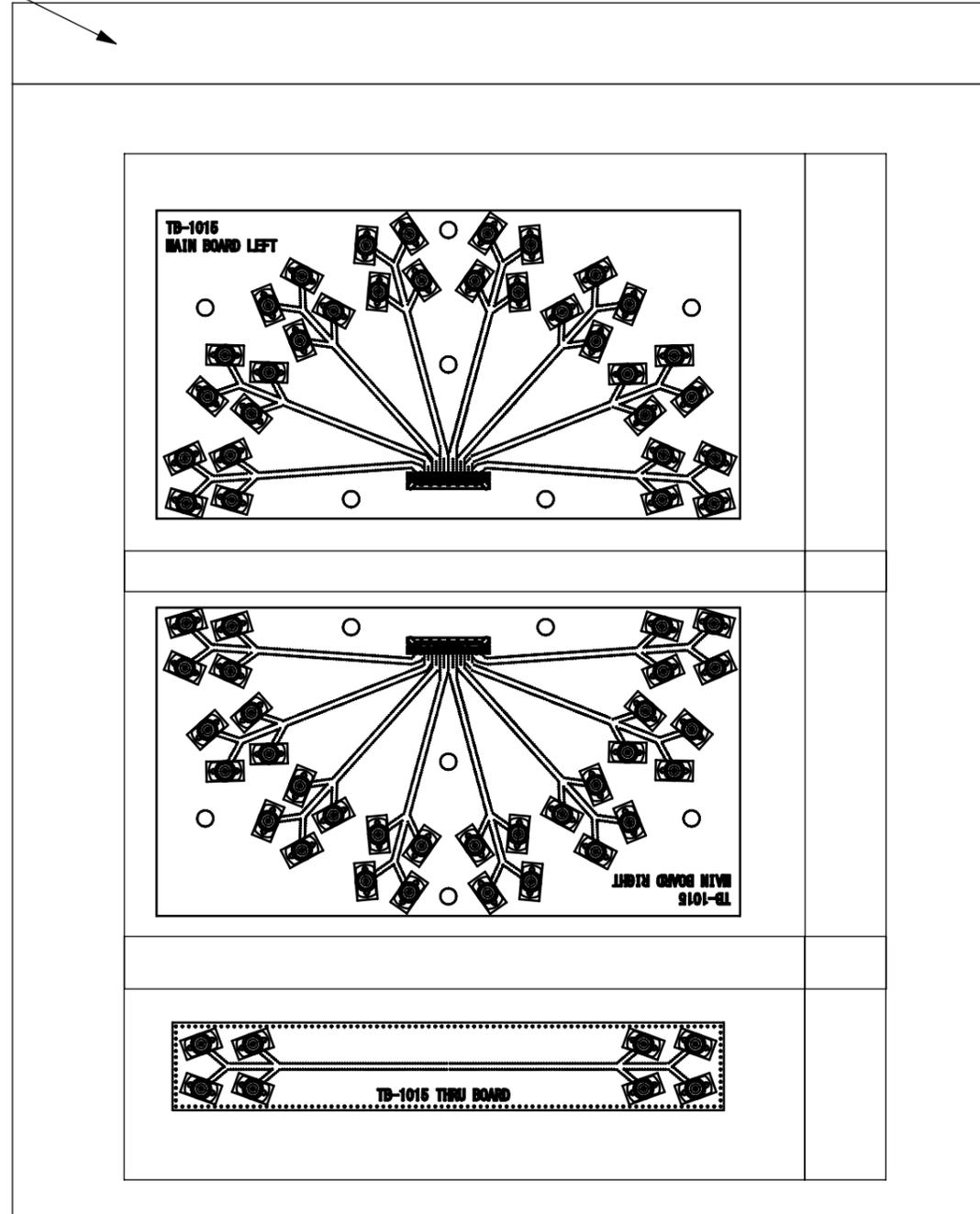
MAIN BOARD B ASSEMBLY

<SMALL BAG>
REUSABLE PLASTIC BAG



2xTHRU BOARD ASSEMBLY

<SMALL BAG>
REUSABLE PLASTIC BAG



PACKING STYLE

| | | | | | | | | |
|--------------------|------|------------------|------|--|-----------------------|---------------|-------|------|
| ANGLE | ±2° | 6 OVER 30 MAX. | ±0.3 | PROJECTION ⊕ | SERIES No. R0R10R0 | CUSTOMER COPY | | |
| 6 MAX. | ±0.2 | 30 OVER 120 MAX. | ±0.5 | | | | | |
| GENERAL TOLERANCE. | | | | TITLE CABLIN® -CAP 50P SI TEST BOARD ASSEMBLY | SCALE | I-PEX | | |
| DWG. | DATE | | | | 1:2 | | | |
| CHK. | | | | | UNIT | | | |
| APP. | | | | | mm | | | |
| | | | | DWG. No. | 91566 | SIZE | SHEET | REV. |
| | | | | | | A3 | 3/3 | 0 |