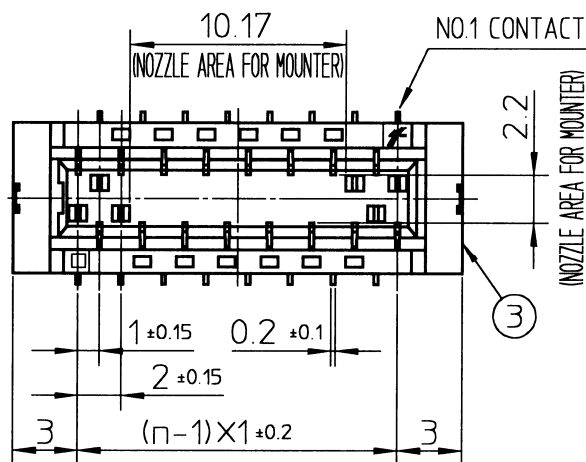
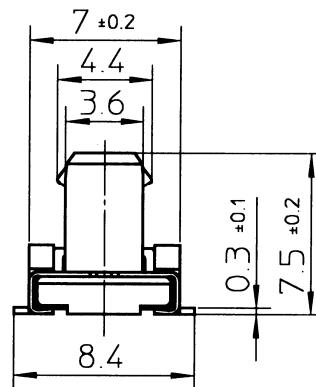
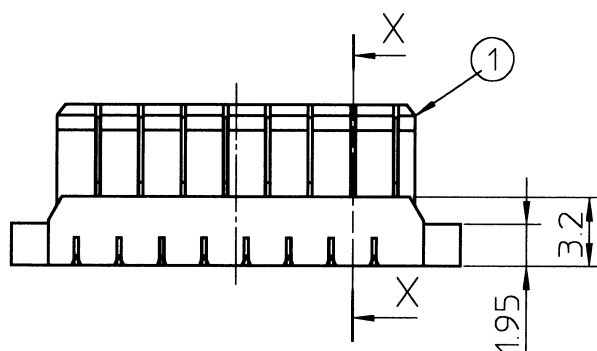
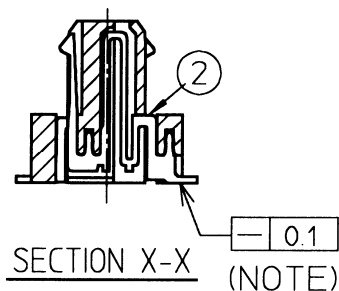




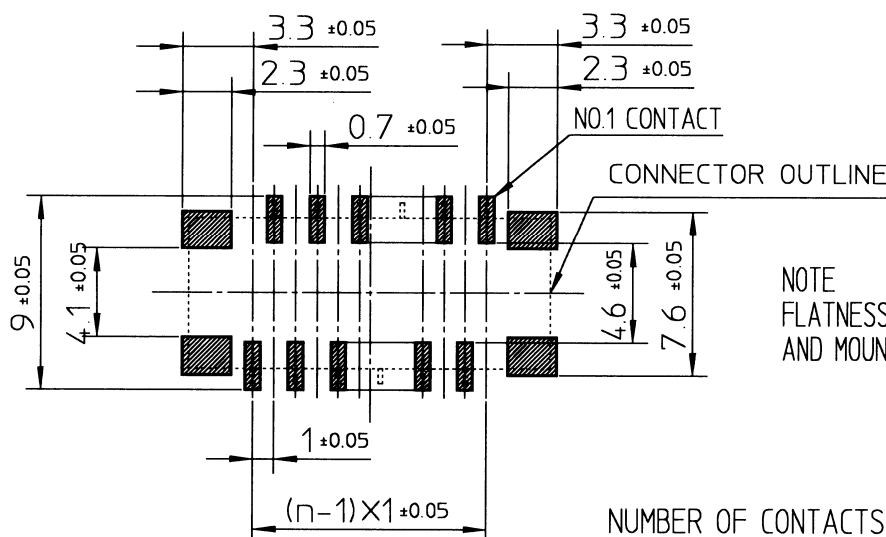
TOLERANCES  
UNLESS OTHERWISE SPECIFIED : ±0.3



| PT. NO. | PARTS NAME     | MATERIAL                                   | Q'TY | NOTE              |
|---------|----------------|--------------------------------------------|------|-------------------|
| 1       | HOUSING        | GLASS FILLED THERMOPLASTIC RATED (UL94V-0) | 1    | COLOR:BRACK       |
| 2       | CONTACT        | PHOSPHOR BRONZE                            | n    | PLATING:TIN ALLOY |
| 3       | MOUNTING PLATE | BRASS                                      | 2    | PLATING:TIN ALLOY |

RECOMMENDED PC BOARD LAYOUT  
(COMPONENT SIDE)

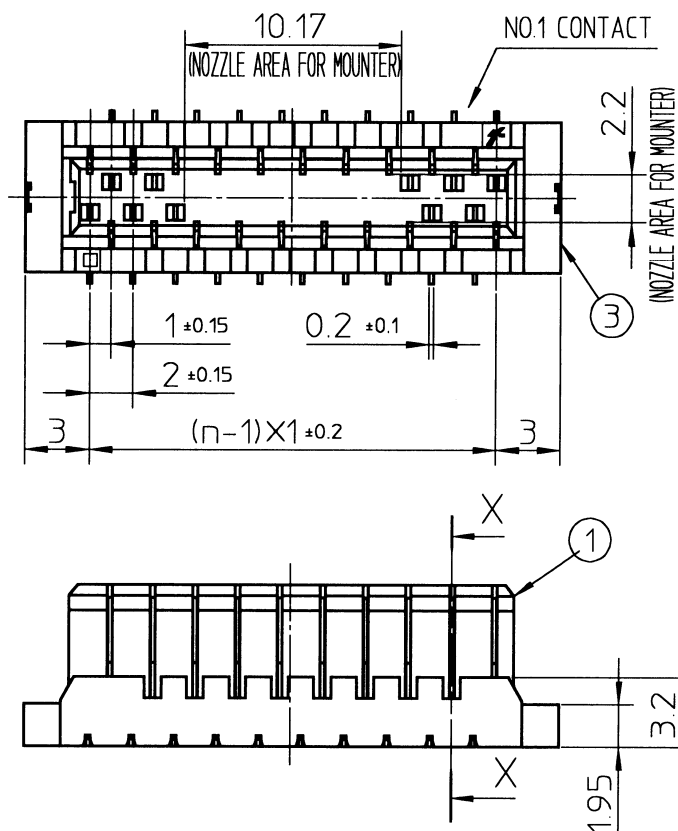
n: NO. OF CONTACTS



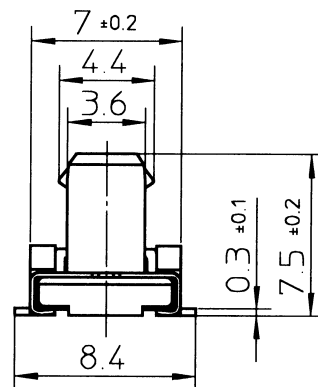
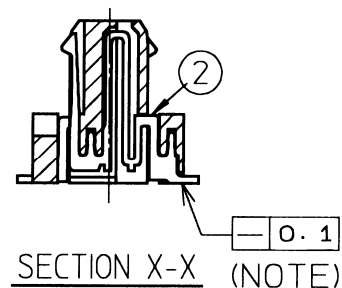
NOTE  
FLATNESS FOR CONTACT TERMINAL  
AND MOUNTING PLATE MUST BE WITHIN 0.1.

NUMBER OF CONTACTS : 10 TO 16 , ONLY EVEN POS.

| REV. | DATE | 変更内容<br>DESCRIPTION | 承認<br>APPD | 承認<br>APPD | 尺度<br>SCALE  | 単位<br>DIM. IN | mm | 品名<br>PRODUCT<br>NAME | FLOATING BOARD TO BOARD<br>PLUG CONNECTOR (SMT) |
|------|------|---------------------|------------|------------|--------------|---------------|----|-----------------------|-------------------------------------------------|
|      |      |                     |            |            | 設計<br>DESIGN |               |    | 型番<br>CAT. NO.        | BTFW_P-3SST                                     |
|      |      |                     |            |            | 製図<br>DRAWN  |               |    | 図番<br>DWG. NO.        | JSA 95589-1/2                                   |
|      |      |                     |            |            | 検図<br>CHKD   |               |    |                       | REV.<br>0                                       |
|      |      |                     |            |            | 承認<br>APPD   |               |    |                       | DF-123<br>REV.B                                 |



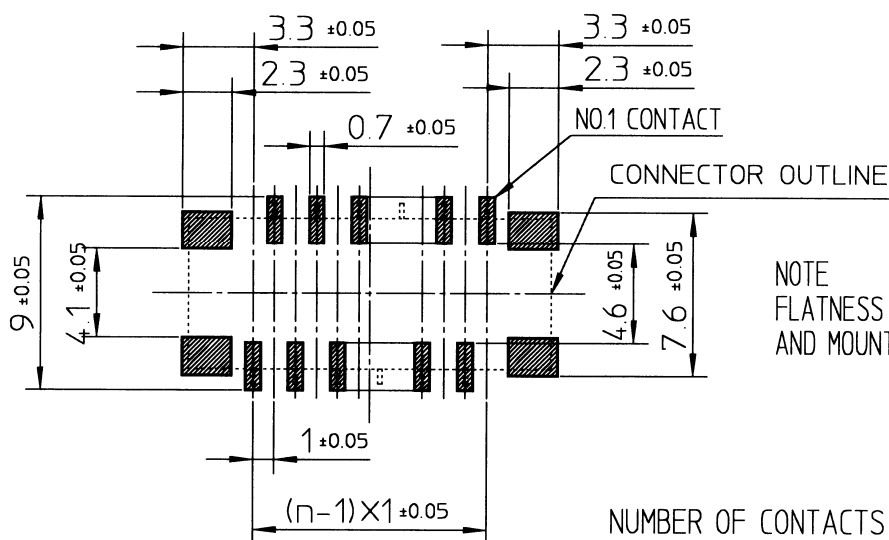
TOLERANCES  
UNLESS OTHERWISE SPECIFIED :  $\pm 0.3$



| PT. NO. | PARTS NAME     | MATERIAL                                   | Q'TY | NOTE               |
|---------|----------------|--------------------------------------------|------|--------------------|
| 1       | HOUSING        | GLASS FILLED THERMOPLASTIC RATED (UL94V-0) | 1    | COLOR: BRACK       |
| 2       | CONTACT        | PHOSPHOR BRONZE                            | n    | PLATING: TIN ALLOY |
| 3       | MOUNTING PLATE | BRASS                                      | 2    | PLATING: TIN ALLOY |

RECOMMENDED PC BOARD LAYOUT  
(COMPONENT SIDE)

n: NO. OF CONTACTS



NOTE  
FLATNESS FOR CONTACT TERMINAL  
AND MOUNTING PLATE MUST BE WITHIN 0.1.

NUMBER OF CONTACTS : 18 TO 30 , ONLY EVEN POS.

|      |            |                     |            |              |                    |               |    |                    |                                                 |
|------|------------|---------------------|------------|--------------|--------------------|---------------|----|--------------------|-------------------------------------------------|
|      |            |                     |            | 尺度<br>SCALE  | $\chi$             | 単位<br>DIM. IN | mm | 品名<br>PRODUCT NAME | FLOATING BOARD TO BOARD<br>PLUG CONNECTOR (SMT) |
|      |            |                     |            | 設計<br>DESIGN | <i>m. koga</i>     |               |    | 型番<br>CAT. NO.     | BTFW__P-3SST                                    |
|      |            |                     |            | 製図<br>DRAWN  | <i>8/2/01</i>      |               |    | 図番<br>DWG. NO.     | JSA 95589-2/2                                   |
|      |            |                     |            | 検図<br>CHKD   | <i>S. Nakajima</i> |               |    |                    | REV.<br>0                                       |
| REV. | 日付<br>DATE | 変更内容<br>DESCRIPTION | 承認<br>APPD | 承認<br>APPD   | <i>[Signature]</i> |               |    | DF-123<br>REV.B    |                                                 |



Technical drawing of a connector packaging style, showing various views and dimensions.

**Top View:** A circular view showing the overall diameter  $\phi 370$  and the core diameter  $\phi 80$ . It includes an "INDICATION LABEL" and a "DRAWING DIRECTION" arrow. A detail view "VIEW X" shows a cross-section of the label with dimensions 2.5,  $\phi 13$ , and  $\phi 21$ , and angles of  $120^\circ$ .

**Side View:** A cross-section view showing the overall height  $8.5\text{MAX.}$  and the core diameter  $\phi 80$ . It includes a "DRAWING DIRECTION" arrow and a detail view "VIEW X" showing a cross-section of the label with dimensions 2.5,  $\phi 13$ , and  $\phi 21$ , and angles of  $120^\circ$ .

**Bottom View:** A top-down view of the connector packaging style showing the "END PORTION", "CONNECTOR PACKAGING PORTION", and "20 HOLES MIN (SPACE)". It includes dimensions for the "END PORTION" (40 MIN), "CONNECTOR PACKAGING PORTION" (400 MIN), and "20 HOLES MIN (SPACE)". It also shows dimensions for the "COVER TAPE LEADER PORTION" (400 MIN) and the "CONNECTOR PACKAGING PORTION" (40 MIN).

**Dimensions and Tolerances:**

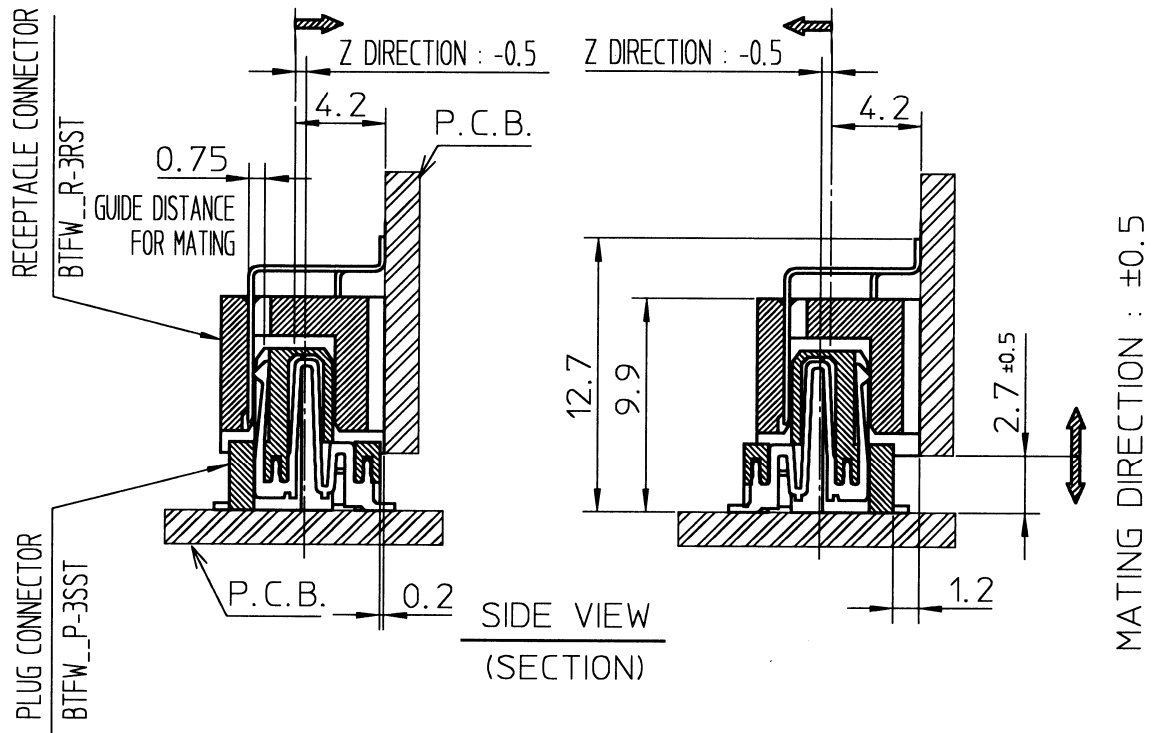
- Overall diameter:  $\phi 370$
- Core diameter:  $\phi 80$
- Label diameter:  $\phi 13$
- Label hole diameter:  $\phi 21$
- Label thickness: 2.5
- Label angle:  $120^\circ$
- Label pitch: 40  $\pm 0.3$  (10 PITCH)
- Label width: 4  $\pm 0.1$
- Label height: 1.75  $\pm 0.1$
- Label position: 2  $\pm 0.1$
- Label hole pitch: 16  $\pm 0.1$
- Label hole diameter:  $\phi 13$
- Label hole position: 4  $\pm 0.1$
- Label hole diameter:  $\phi 21$
- Label hole position: 2.5
- Label hole angle:  $120^\circ$
- Label hole diameter:  $\phi 13$
- Label hole position: 2.5
- Label hole angle:  $120^\circ$
- Label hole diameter:  $\phi 21$
- Label hole position: 2.5
- Label hole angle:  $120^\circ$

**Notes:**

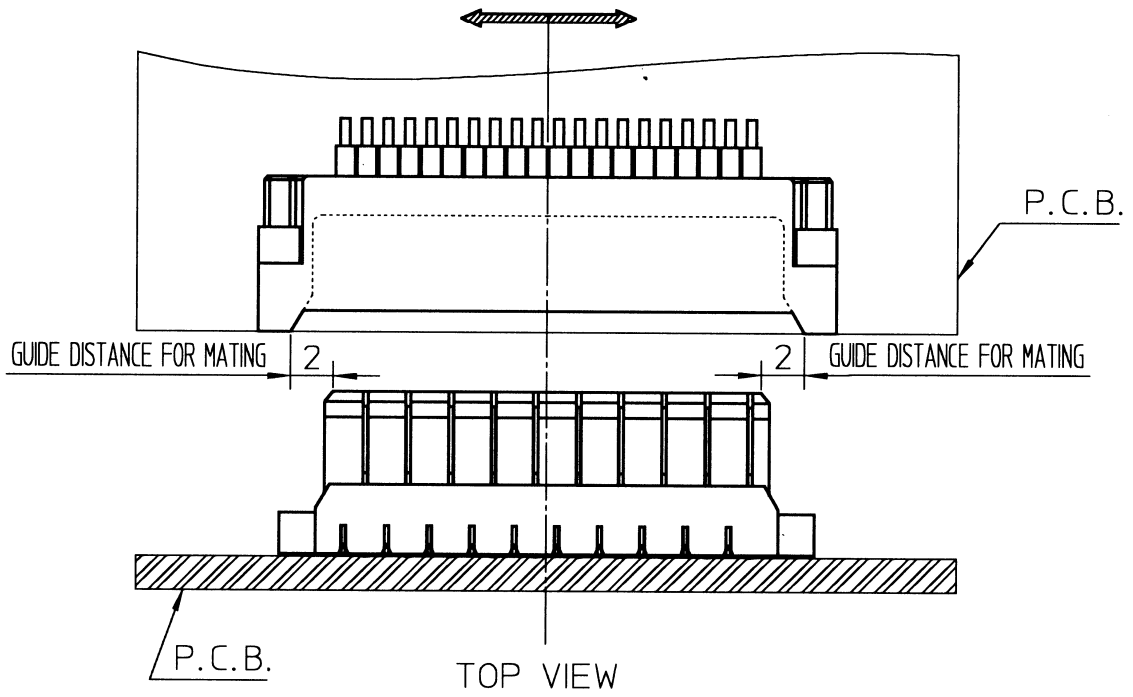
- TOLERANCES UNLESS OTHERWISE SPECIFIED:  $\pm 5$ , ANGLE  $\pm 5^\circ$
- NOTE 3: (CORE DIAMETER)
- NOTE 4: (EMBOSSED HOLE PITCH)

THIS FIGURE SHOW THE CONNECTOR MATING BY MAKING CENTER AS CRITERIA.

FLOATING ALLOWANCE MATING DIRECTION :  $\pm 0.5$   
 PITCH DIRECTION :  $\pm 0.8$   
 Z DIRECTION :  $\pm 0.5$



PITCH DIRECTION :  $\pm 0.8$



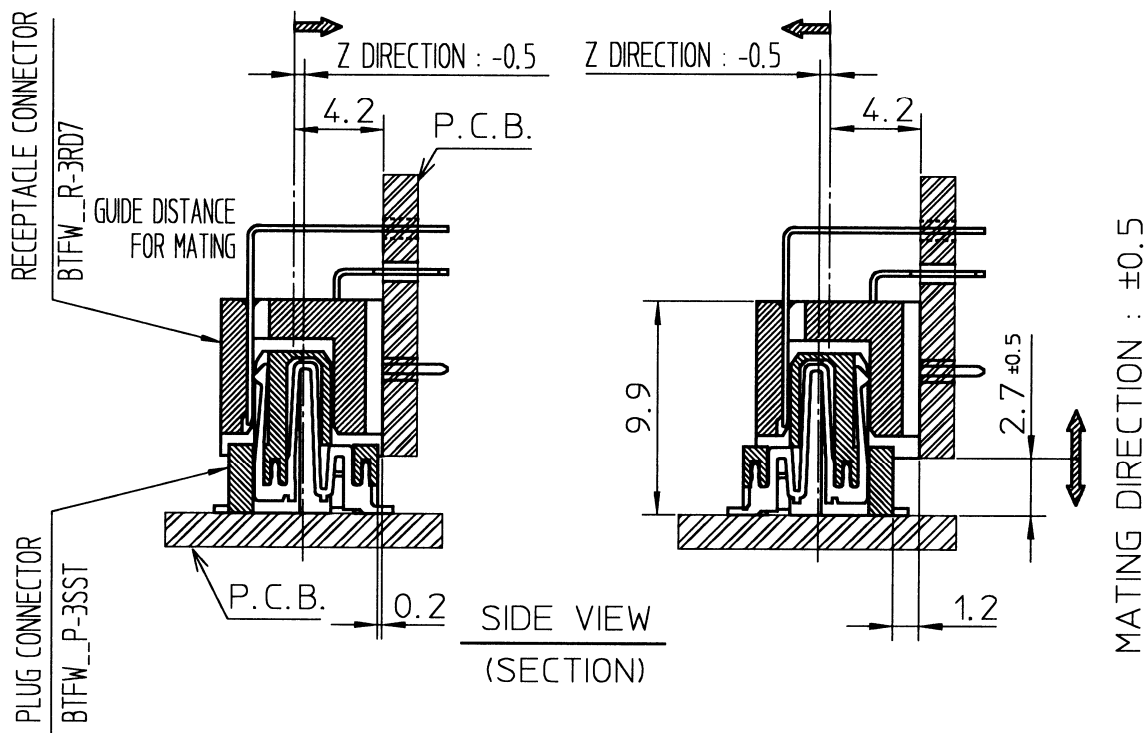
|      |      |                     |          |          |         |      |    |                                                                                                                                           |                                  |           |
|------|------|---------------------|----------|----------|---------|------|----|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------|
| 4    |      |                     |          | SCALE    | $\chi$  | UNIT | mm | PRODUCT NAME                                                                                                                              | CROSS SECTION OF MATED CONDITION |           |
| 3    |      |                     |          | DESIGNED | 99-6-10 |      |    | CAT. NO.                                                                                                                                  | BTFW_P-3SST/<br>BTFW_R-3RST      |           |
| 2    |      |                     |          | DRAWN    | m.koga  |      |    | DWG. NO.                                                                                                                                  | JSA 94532                        | REV.<br>0 |
| 1    |      |                     |          | CHECKED  |         |      |    |                                                                                                                                           |                                  |           |
| REV. | DATE | REVISED DESCRIPTION | APPROVED | APPROVED | K. Suda |      |    |  <b>FRAMATOME CONNECTORS</b><br><b>FCI JAPAN LTD.</b> |                                  |           |

THIS FIGURE SHOW THE CONNECTOR MATING BY MAKING CENTER AS CRITERIA.

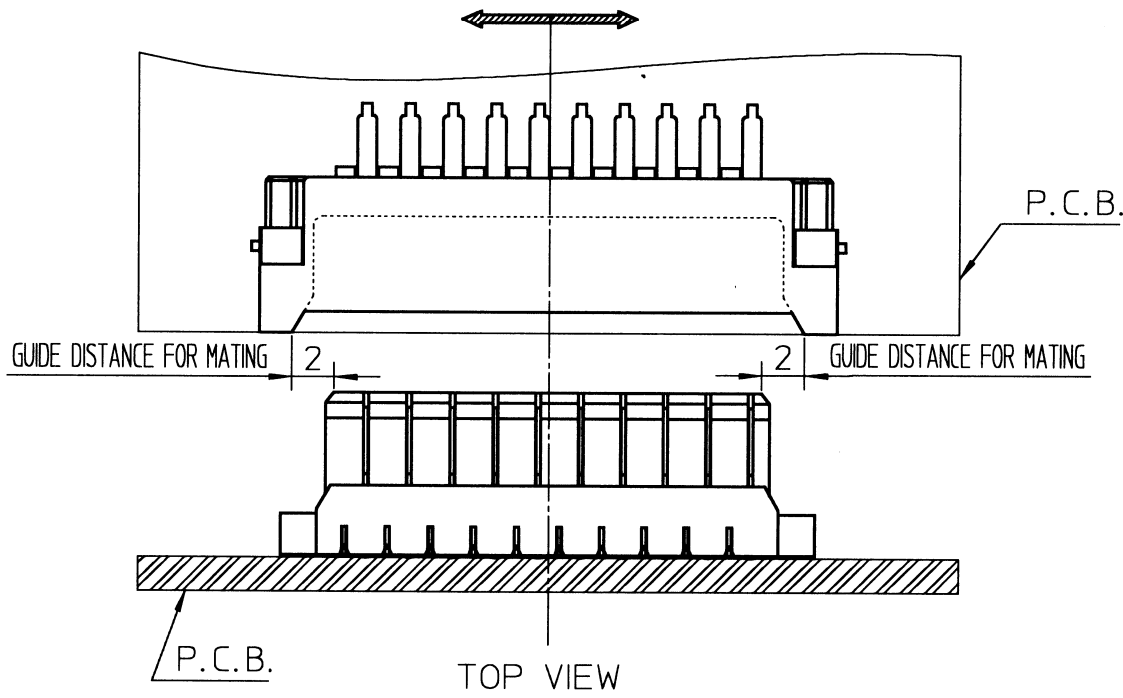
FLOATING ALLOWANCE MATING DIRECTION :  $\pm 0.5$

PITCH DIRECTION :  $\pm 0.8$

Z DIRECTION :  $\pm 0.5$



PITCH DIRECTION :  $\pm 0.8$



|      |      |                     |          |          |         |      |    |                                                                                                                                           |                                  |      |
|------|------|---------------------|----------|----------|---------|------|----|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------|
| 4    |      |                     |          | SCALE    | $\chi$  | UNIT | mm | PRODUCT NAME                                                                                                                              | CROSS SECTION OF MATED CONDITION |      |
| 3    |      |                     |          | DESIGNED | 99-6-10 |      |    | CAT. NO.                                                                                                                                  | BTFW_P-3SST/<br>BTFW_R-3RD7      |      |
| 2    |      |                     |          | DRAWN    | m.koga  |      |    | DWG. NO.                                                                                                                                  | JSA 95032                        | REV. |
| 1    |      |                     |          | CHECKED  |         |      |    |                                                                                                                                           |                                  | 0    |
| REV. | DATE | REVISED DESCRIPTION | APPROVED | APPROVED |         |      |    |  <b>FRAMATOME CONNECTORS</b><br><b>FCI JAPAN LTD.</b> |                                  |      |