

# CAT. NO. & DIMENSIONS

| NO. OF CONTACTS<br>(n) | PLUG         |                      | RECEPTACLE   |                      |
|------------------------|--------------|----------------------|--------------|----------------------|
|                        | CAT. NO.     | DIMENSIONS<br>(NOTE) | CAT. NO.     | DIMENSIONS<br>(NOTE) |
|                        |              | A $\pm 0.3$          |              | B $\pm 0.3$          |
| 6                      | BTEM 6P - 1R | 10.00                | BTEM 6S - 1S | 8.75                 |
| 7                      | BTEM 7P - 1R | 11.25                | BTEM 7S - 1S | 10.00                |
| 8                      | BTEM 8P - 1R | 12.50                | BTEM 8S - 1S | 11.25                |
| 9                      | BTEM 9P - 1R | 13.75                | BTEM 9S - 1S | 12.50                |
| 10                     | BTEM10P - 1R | 15.00                | BTEM10S - 1S | 13.75                |
| 11                     | BTEM11P - 1R | 16.25                | BTEM11S - 1S | 15.00                |
| 12                     | BTEM12P - 1R | 17.50                | BTEM12S - 1S | 16.25                |
| 13                     | BTEM13P - 1R | 18.75                | BTEM13S - 1S | 17.50                |
| 14                     | BTEM14P - 1R | 20.00                | BTEM14S - 1S | 18.75                |
| 15                     | BTEM15P - 1R | 21.25                | BTEM15S - 1S | 20.00                |
| 16                     | BTEM16P - 1R | 22.50                | BTEM16S - 1S | 21.25                |
| 17                     | BTEM17P - 1R | 23.75                | BTEM17S - 1S | 22.50                |
| 18                     | BTEM18P - 1R | 25.00                | BTEM18S - 1S | 23.75                |
| 19                     | BTEM19P - 1R | 26.25                | BTEM19S - 1S | 25.00                |
| 20                     | BTEM20P - 1R | 27.50                | BTEM20S - 1S | 26.25                |

CAT. NO.

SERIES NAME BTEM  
 NO. OF CONTACTS 8  
 P: PLUG  
 S: RECEPTACLE }  
 NO. OF CONTACT ROWS 1  
 VARIATION R

REF. DWG. (NOTE)

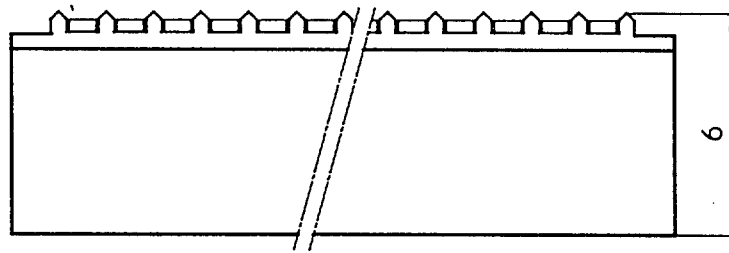
PLUG : JSA90146  
 RECEPTACLE : JSA90147

NOTE

SEE REF. DWG.

|          |      |             |                |                                    |                                                                                       |      |
|----------|------|-------------|----------------|------------------------------------|---------------------------------------------------------------------------------------|------|
|          |      |             | SCALE $\times$ | BOARD MATE                         |                                                                                       |      |
|          |      |             | DIM. IN mm     | CAT. NO.                           |                                                                                       |      |
|          |      |             | DESIGNED       | BTEM __ P - 1R /<br>BTEM __ S - 1S |                                                                                       |      |
| REV.     | DATE | DESCRIPTION | CKD.           | DRAWN <i>M. Opa</i>                | DRAWING NO.                                                                           | REV. |
| MATERIAL |      |             |                | CHECKED <i>T. Nishimoto</i>        | JSA 90150                                                                             | 0    |
|          |      |             |                | APPROVED <i>A. NAKAI</i>           |  |      |
|          |      |             |                | DATE <i>Dec. 28, 1988</i>          |                                                                                       |      |

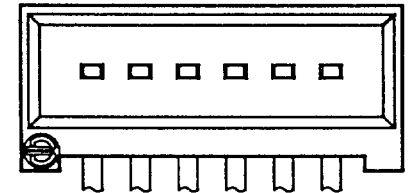
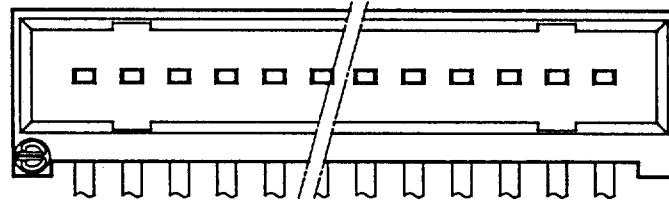
TOLERANCES  
UNLESS OTHERWISE SPECIFIED :  $\pm 0.3$



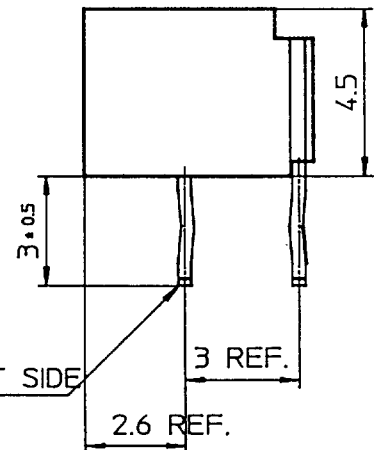
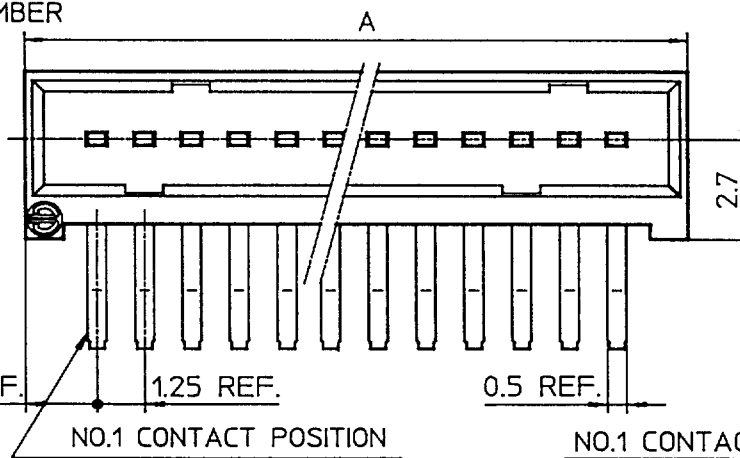
$n$  : NO. OF CONTACTS

ODD NUMBER

$n = 6$  MAX.



EVEN NUMBER



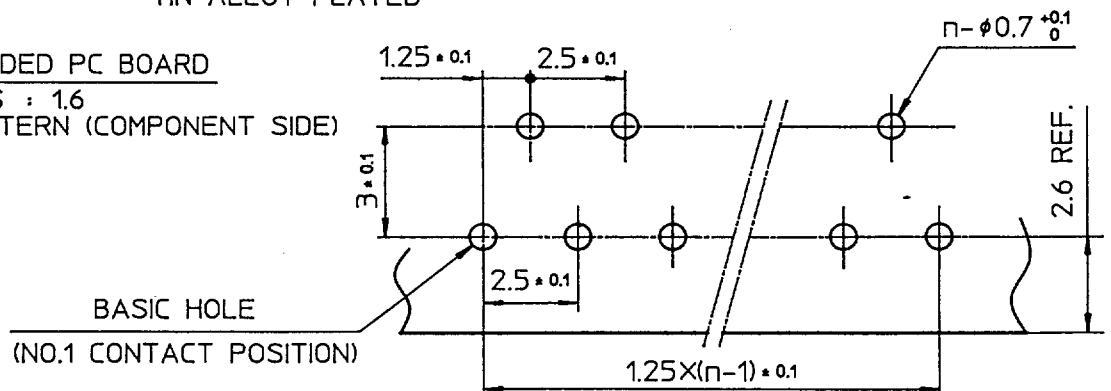
MATERIAL

INSULATOR : PBT RESIN GLASS REINFORCED (UL94V-0)  
COLOR : BLACK

CONTACT : BRASS  
TIN ALLOY PLATED

RECOMMENDED PC BOARD

THICKNESS : 1.6  
HOLE PATTERN (COMPONENT SIDE)

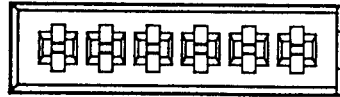


|          |             |                                                       |      |          |               |                |      |
|----------|-------------|-------------------------------------------------------|------|----------|---------------|----------------|------|
|          |             |                                                       |      | SCALE    | $\times$      | BOARD MATE     |      |
|          |             |                                                       |      | DIM. IN  | mm            | CAT. NO.       |      |
| 1        | '94<br>6-29 | SHAPE ADDED. $\phi 1.0$<br>(NO. OF CONTACTS : 6 MAX.) | 42   | DESIGNED |               | BTEM __ P - 1R |      |
| REV.     | DATE        | DESCRIPTION                                           | CKD. | DRAWN    | M. Oba        | DRAWING NO.    | REV. |
| MATERIAL |             |                                                       |      | CHECKED  | T. Nishimoto  | JSA 90146      | 1    |
|          |             |                                                       |      | APPROVED | A. NAKA       |                |      |
|          |             |                                                       |      | DATE     | Dec. 28, 1988 |                |      |

FILE

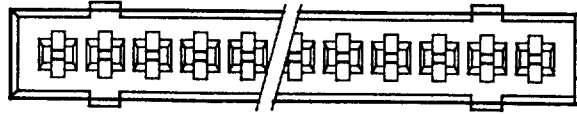
TOLERANCES  
UNLESS OTHERWISE SPECIFIED :  $\pm 0.3$

$n = 6$  MAX.

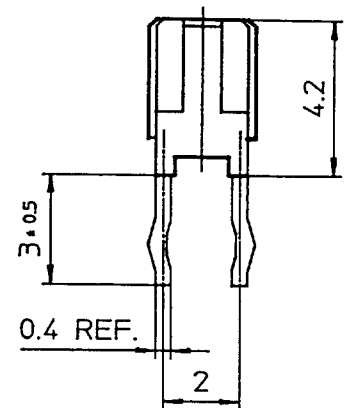
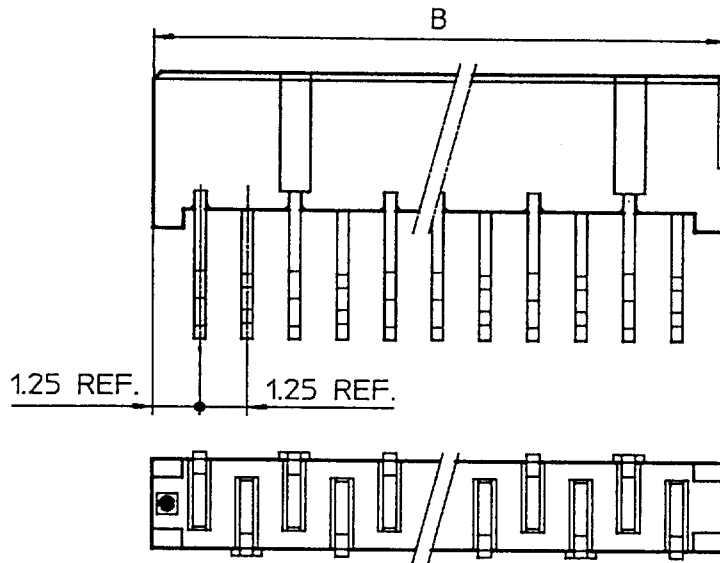
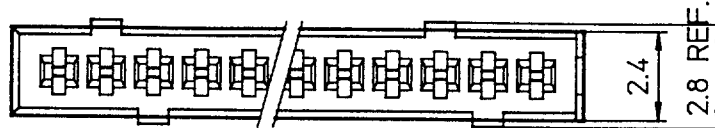


$n$  : NO. OF CONTACTS

ODD NUMBER



EVEN NUMBER



#### MATERIAL

INSULATOR : PBT RESIN GLASS REINFORCED (UL94V-0)

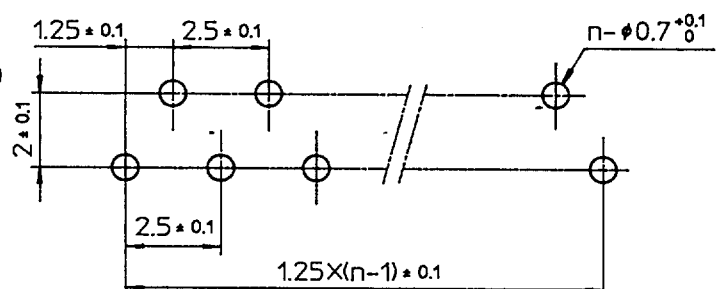
COLOR : BLACK

CONTACT : PHOSPHOR BRONZE  
TIN ALLOY PLATED

#### RECOMMENDED PC BOARD

THICKNESS : 1.6

HOLE PATTERN (COMPONENT SIDE)



|          |             |                                                 |      |          |               |                |
|----------|-------------|-------------------------------------------------|------|----------|---------------|----------------|
|          |             |                                                 |      | SCALE    | $\times$      | BOARD MATE     |
|          |             |                                                 |      | DIM. IN  | mm            | CAT. NO.       |
| 1        | '94<br>6-29 | SHAPE ADDED. M.O.<br>(NO. OF CONTACTS : 6 MAX.) | S.G. | DESIGNED |               | BTEM __ S - 1S |
| REV.     | DATE        | DESCRIPTION                                     | CKD. | DRAWN    | M. Oga        | DRAWING NO.    |
| MATERIAL |             |                                                 |      | CHECKED  | T. Nishimoto  | JSA 90147      |
|          |             |                                                 |      | APPROVED | A. NAKAI      | 1              |
|          |             |                                                 |      | DATE     | Dec. 28, 1988 |                |

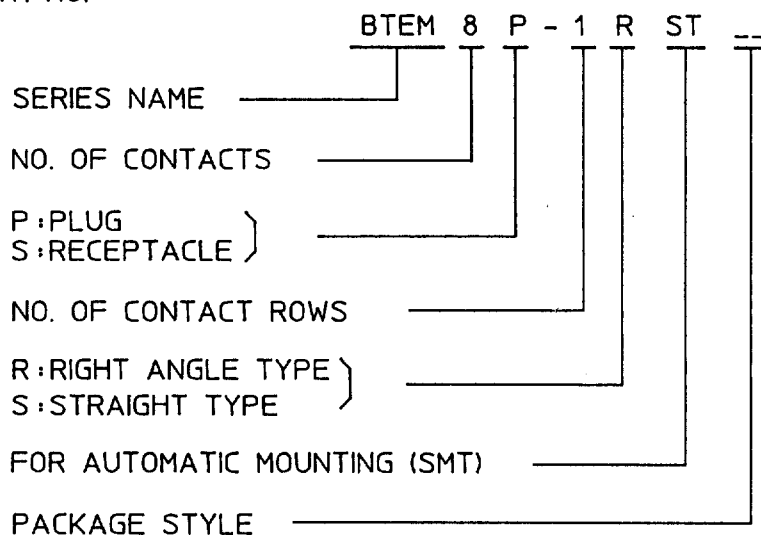
**BURNDY**  
JAPAN, Ltd.

FILE

# CAT. NO. & DIMENSIONS

| NO. OF CONTACTS<br>(n) | PLUG             |                   | RECEPTACLE   |                   |
|------------------------|------------------|-------------------|--------------|-------------------|
|                        | CAT. NO.         | DIMENSIONS (NOTE) | CAT. NO.     | DIMENSIONS (NOTE) |
|                        |                  | A $\pm 0.3$       |              | B $\pm 0.3$       |
| 9                      | BTEM 9P - 1RST__ | 14.55             | BTEM 9S - 1S | 12.50             |
| 17                     | BTEM17P - 1RST__ | 24.55             | BTEM17S - 1S | 22.50             |
| 19                     | BTEM19P - 1RST__ | 27.05             | BTEM19S - 1S | 25.00             |
| 20                     | BTEM20P - 1RST__ | 28.30             | BTEM20S - 1S | 26.25             |

CAT. NO.



NOTE.

SEE REF. DWG.

|          |                |                              |      |          |              |                                                                                                                          |      |
|----------|----------------|------------------------------|------|----------|--------------|--------------------------------------------------------------------------------------------------------------------------|------|
|          |                |                              |      | SCALE    | X            | 1.25mm SPACING CONNECTOR<br>FOR BOARD TO BOARD                                                                           |      |
|          |                |                              |      | DIM. IN  | mm           | CAT. NO.                                                                                                                 |      |
| 1        | Feb.<br>18,'97 | PRODUCT NAME<br>CHANGED. M.I | ka   | DESIGNED |              | BTEM __ P - 1RST__ /<br>BTEM __ S - 1S                                                                                   |      |
| REV.     | DATE           | DESCRIPTION                  | CKD. | DRAWN    | M.Oba        | DRAWING NO.                                                                                                              | REV. |
| MATERIAL |                |                              |      | CHECKED  | M.Harada     | JSA 92885                                                                                                                | 1    |
|          |                |                              |      | APPROVED | S.Ito        |  FRAMATOME CONNECTORS<br>JAPAN LTD. |      |
|          |                |                              |      | DATE     | JUL 29, 1994 |                                                                                                                          |      |