

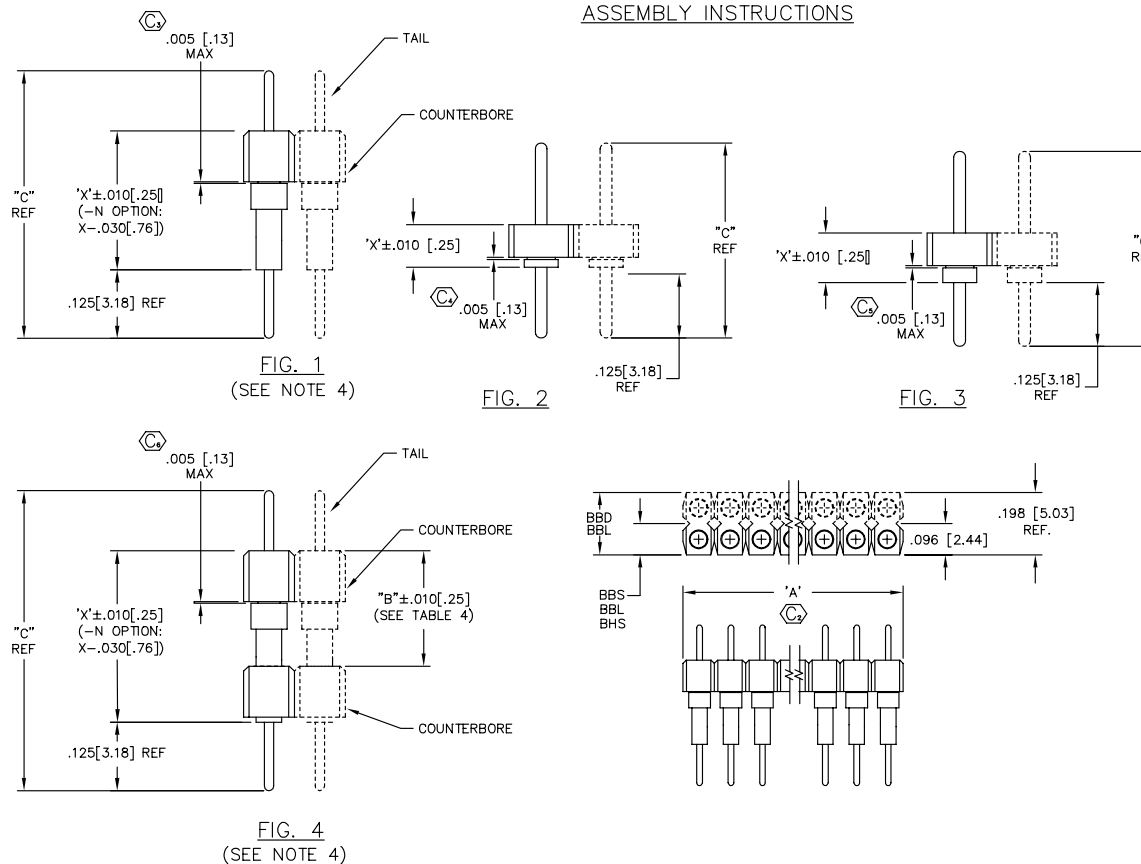
UNLESS OTHERWISE NOTED  
DIMENSIONS ARE IN INCHES TOLERANCES ARE:  
ONE PLACE DECIMALS:  $\pm .1$  [.3] THREE PLACE DECIMALS:  $\pm .005$  [.13]  
TWO PLACE DECIMALS:  $\pm .01$  [.3] FOUR PLACE DECIMALS:  $\pm .0020$  [.051]

TITLE: ASSEMBLY  
BOARD TO BOARD  
SPACING

DWG NO: BXX-1XX-X-X-X  
SHEET 1 OF 1

THIS DESIGN HAS  
NOT BEEN APPROVED  
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DO NOT DISTRIBUTE  
THIS PRINT

## ASSEMBLY INSTRUCTIONS



BXX-1XX-X-X-X

OPTION  
-N: NON-FLUSH-LEAVE BLANK  
FOR STANDARD  
(USE BODY SPECIFIED IN TABLE 1)  
(SEE TABLE 4)

TERMINAL SPECIFICATION  
(SEE TABLE 2)  
-G: SPECIFY -G IN TERMINAL SUFFIX -X  
-T: SPECIFY -T IN TERMINAL SUFFIX -X

PLATING SPECIFICATION  
(SEE TABLE 2)

BODY LENGTH SPECIFICATION  
(SEE TABLE 1)  
'A' = (No. OF POSITIONS X .100  $\pm$  .015)  
'A' = BBS: XX-MAX 32 POSITION  
'A' = BBL: XX-MAX 32 POSITION  
'A' = BHS: XX-MAX 36 POSITION (MUST BE CUT ON MULTI-CUTTER)  
'A' = BBD: XX-MAX 36 POSITION  
'A' = BDL: XX-MAX 36 POSITION

## NOTES:

- 1.) MIN. PUSHOUT FORCE: 5 lbs FOR ALL EXCEPT BBL,  
FOR BBL: 2 lbs. MIN.
- 2.) MAX ALLOWABLE BOW:  
FOR STRIPS MOLDED IN VALOX=.009 IN/IN  
FOR STRIPS MOLDED IN ULTEM=.003 IN/IN  
(FOR BHS ONLY: .004 IN/IN TOP TO BOTTOM,  
.008 IN/IN SIDE TO SIDE.)  
(FOR BBL ONLY: .055 MAX.)
- 3.)  $\odot$  REPRESENTS A CRITICAL DIMENSION.
- 4.) ON BBD STYLE FILL WITH COUNTERBORE  
TOWARD TAILS, ALL OTHER STYLES FILL  
COUNTERBORE AWAY FROM TAILS.

- 4.) ON BBD STYLE (OR BODIES), COUNTERBORE  
IN DSB BODY SHOULD BE REVERSED FROM  
VIEW SHOWN.

TABLE 4

| TERMINAL SPEC. | "B"  |         |
|----------------|------|---------|
| -G             | .320 | [8.13]  |
| -H             | .440 | [11.18] |
| -G-N           | .290 | [7.37]  |
| -H-N           | .410 | [10.41] |

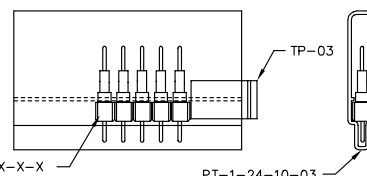
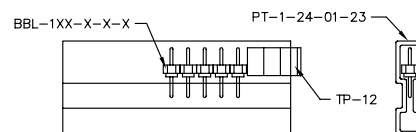
TABLE 1

| BODY<br>STYLE    | BODY     |           |
|------------------|----------|-----------|
|                  | STANDARD | -N OPTION |
| BBS-             | TBS-32   | SSB-XX    |
| BBD-             | DSB-36   | DSB-XX    |
| BBL-             | SSL-XX   | N/A       |
| BDL-             | HSDL-XX  | N/A       |
| BHS-(G(PLATING)) | HTS-36-G | SSB-XX-U  |

## PACKAGING

TABLE 3  
(4 POSITION MIN)

| BODY | LEAD STYLE | PACKAGING TUBE | PLUG  |
|------|------------|----------------|-------|
| BHS  | A          | PT-1-24-01-24  | TP-24 |
|      | B          | PT-1-24-02-03  | TP-24 |
|      | D,H        | PT-1-24-02-04  | TP-07 |
|      | C,G        | PT-1-24-10-03  | TP-03 |
| BBS  | A          | PT-1-24-01-24  | TP-24 |
|      | B          | PT-1-24-02-03  | TP-24 |
|      | D,H        | PT-1-24-02-04  | TP-07 |
|      | C,G        | PT-1-24-10-03  | TP-03 |
| BBD  | A          | PT-1-24-01-22  | TP-03 |
|      | B          | PT-1-24-06-03  | TP-07 |
|      | C,D,G,H    | PT-1-24-08-03  | TP-09 |
|      | ALL        | PT-1-24-01-23  | TP-12 |
| BDL  | ALL        | PT-1-24-01-14  | TP-03 |



## PROPRIETARY NOTE

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TABLE 2

| LEAD<br>STYLE | BODY SPEC.  |      |         | FIG. | BODY SPEC. |         |     | FIG. | "C"    |
|---------------|-------------|------|---------|------|------------|---------|-----|------|--------|
|               | BBS,BBD,BHS | "X"  | "C"     |      | BBL,BDL    | "X"     | "C" |      |        |
| A             | T-1R14-1-X  | .210 | [5.35]  | 1    | .460       | [11.68] | N/A |      |        |
| B             | T-1R14-2-X  | .335 | [8.51]  |      | .585       | [14.86] | N/A |      |        |
| C             | T-1R14-3-X  | .585 | [14.86] |      | .835       | [21.21] | N/A |      |        |
| D             | T-1R14-4-X  | .835 | [21.21] |      | 1.085      | [27.56] | N/A |      |        |
| E             | N/A         |      |         |      | T-1R6-X    | .070    | 2   | .300 | [7.62] |
| F             | N/A         |      |         |      | T-2R6-X    | .085    | 3   | .332 | [8.43] |
| G             | T-1R14-5-X  | .585 | [14.86] | 4    | .835       | [21.21] | N/A |      |        |
| H             | T-1R14-6-X  | .835 | [21.21] |      | 1.085      | [27.56] | N/A |      |        |

MATERIAL:  
INSULATOR:  
GLASS FILLED POLYESTER  
COLOR: BLACK

TERMINAL:  
PHOSPHOR BRONZE OR  
BRASS

MADE BY: TY 2-18-85  
CHECKED BY: L WILLIAMS 2-23-85

ENGINEER  
APPROVAL

BXX-1XX-X-X-X  
SHEET 1 OF 1

EXSPROD/MSO/MKTC  
BOX-MKT

**samtec**

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