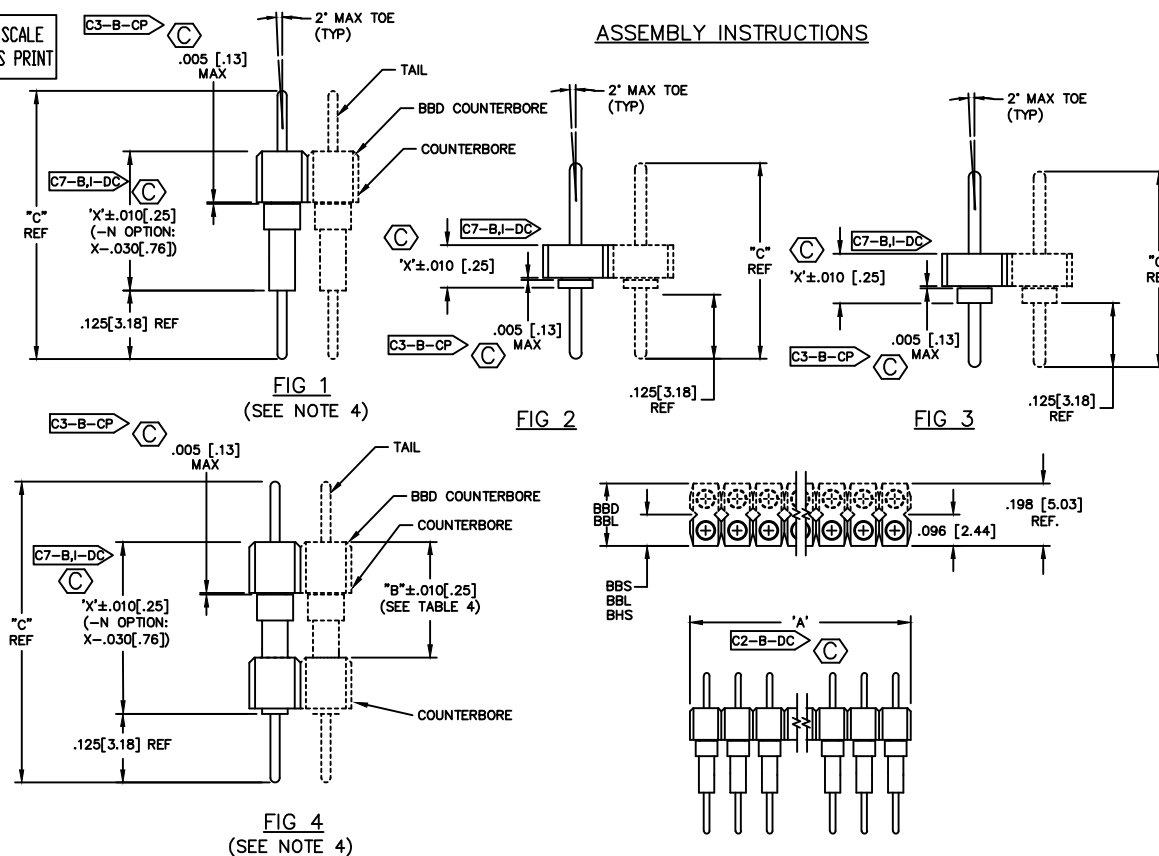


ONE PLACE DECIMALS:  $\pm .1$  [.3] THREE PLACE DECIMALS:  $\pm .005$  [.13]  
TWO PLACE DECIMALS:  $\pm .01$  [.3] FOUR PLACE DECIMALS:  $\pm .0020$  [.051]

ANGLES  
 $\pm 2^\circ$

DO NOT SCALE  
FROM 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)

PLATING SPECIFICATION  
(SEE TABLE 2)  
-G: SPECIFY -G IN TERMINAL SUFFIX -X  
-T: SPECIFY -T IN TERMINAL SUFFIX -X  
\*=-INVALID WITH D & G TERMINAL SPEC

BODY SPECIFICATION  
(SEE TABLE 1)

BODY STYLE  
BBS: SINGLE  
BBD: DOUBLE  
BBL: SINGLE, LOW PROFILE  
BDL: DOUBLE, LOW PROFILE  
BHS: SINGLE, HI-TEMP  
FOR ALL PLATING STYLES  
OTHER THAN -G PLATING

BODY LENGTH SPECIFICATION  
X: (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  
BBD: XX-MAX 36 POSITION  
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.

| CRITICAL DIMENSION INSPECTION TABLE        |                       |
|--------------------------------------------|-----------------------|
| ASSEMBLY OPERATION                         | IN-PROCESS INSPECTION |
| FILL                                       | C3, C7                |
| CUT                                        | C2                    |
| CPCs INTENTIONALLY DELETED: C1, C4, C5, C6 |                       |

TABLE 4

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

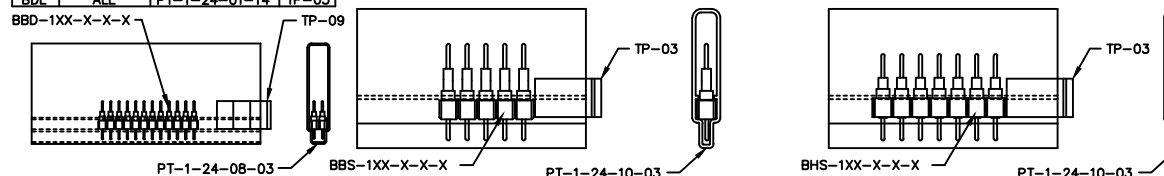
TABLE 1

| BODY SPECIFICATION |          |           |
|--------------------|----------|-----------|
| BODY 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  |

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 |
|      | D,H        | PT-1-24-08-03  | TP-09 |
|      | C,G        | PT-1-24-01-74  | TP-07 |
| BBL  | ALL        | PT-1-24-01-23  | TP-12 |
| BDL  | ALL        | PT-1-24-01-14  | TP-03 |

## PACKAGING



**PROPRIETARY NOTE**  
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| TABLE 2<br>TERMINAL SPECIFICATIONS |             |              |      |               |         |         |     |             |     |
|------------------------------------|-------------|--------------|------|---------------|---------|---------|-----|-------------|-----|
| LEAD STYLE                         | BODY SPEC.  |              | FIG. | "C"           |         | BBL,BDL | "X" | FIG.        | "C" |
|                                    | BBS,BBD,BHS | "X"          |      | "C"           | BBL,BDL |         |     |             |     |
| 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     |         |     |             |     |

\* = SEE NOTE 4

MATERIAL:  
INSULATOR:  
GLASS FILLED POLYESTER  
COLOR: BLACK

TERMINAL:  
PHOSPHOR BRONZE OR  
BRASS

**samtec**

520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150  
PHONE (812) 944-6733 P.O. BOX 1147

CODE 55322

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

ENGINEER  
APPROVAL  
BXX-1XX-X-X-X  
SHEET 1 OF 1