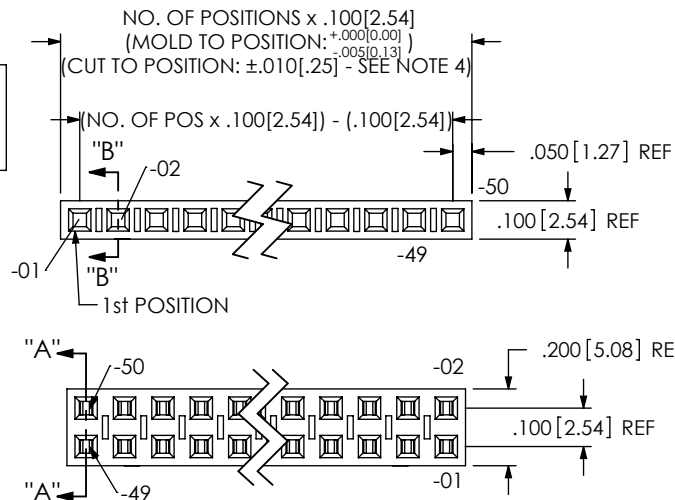


DO NOT  
SCALE FROM  
THIS PRINT



PLATING SPECIFICATIONS  
(SEE TABLE 1)

- T: MATTE TIN CONTACT AND TAIL
- L: 10 $\mu$ " LIGHT SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- F: 3 $\mu$ " FLASH SELECTIVE GOLD CONTACT AREA, MATTE TIN ON TAIL
- S: 30 $\mu$ " SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- H: 30 $\mu$ " HEAVY GOLD IN CONTACT AREA, 3 $\mu$ " GOLD ON TAIL
- SM: 30 $\mu$ " SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- TM: MATTE TIN CONTACT AND TAIL
- LM: 10 $\mu$ " LIGHT SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- FM: 3 $\mu$ " FLASH SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- LTL: 10 $\mu$ " LIGHT SELECTIVE GOLD IN CONTACT AREA, TIN LEAD (90/10 +/-5%) ON TAIL

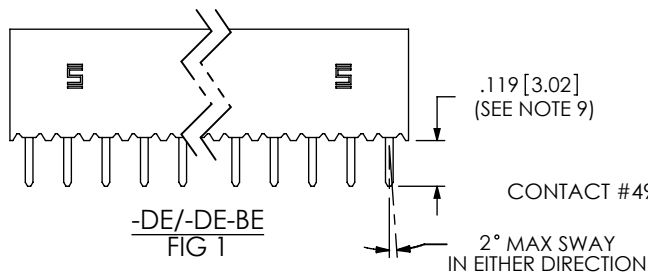
POLARIZING OPTION  
INSERT PK-06-N INTO SPECIFIED  
POS AND BREAK OFF TAB  
(NOT AVAILABLE FOR -BE OPTION)

ENTRY SPECIFICATION

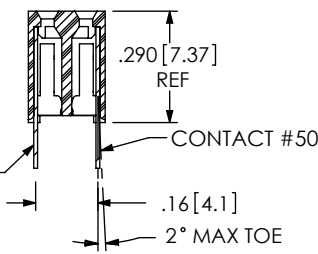
- DE: DUAL ENTRY (SEE TABLE 1)
- TE: TOP ENTRY (SEE TABLE 1)
- HE: HORIZONTAL ENTRY (SEE TABLE 1)
- PE: PASS-THROUGH ENTRY (SEE TABLE 1)
- DE-BE: (SEE TABLE 1)
- PE-BE: (SEE TABLE 1)

BODY SPECIFICATION

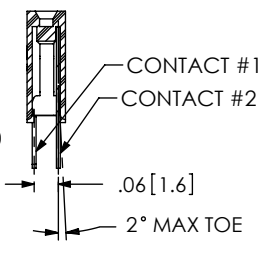
- S: SINGLE ROW (SEE TABLE 1)
- D: DOUBLE ROW (SEE TABLE 1)



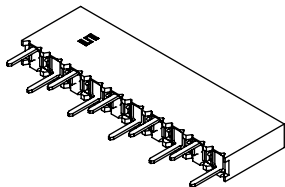
SECTION "A"-"A"  
BCS-1XX-X-D-DE



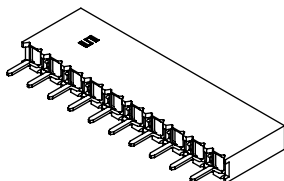
SECTION "B"-"B"  
BCS-1XX-X-S-DE



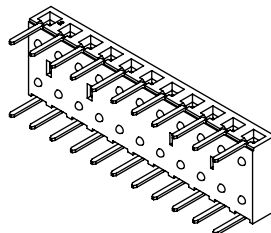
| TABLE 1              |             |             |            |
|----------------------|-------------|-------------|------------|
| ENTRY SPEC           | BODY SPEC   | CONTACT #1  | CONTACT #2 |
| -S-DE (SEE FIG.1)    | SSM-XX-S    | C-95-01-X   | -----      |
| -D-DE (SEE FIG.1)    | SSM-XX-D    | C-95-01-X   | -----      |
| -S-TE (SEE FIG.3)    | SSM-XX-S    | C-95-09-X   | -----      |
| -D-TE (SEE FIG.3)    | SSM-XX-D    | C-95-09-XXX | -----      |
| -S-HE (SEE FIG.2)    | BCH-XX-S    | C-58-05-X   | -----      |
| -D-HE (SEE FIG.2)    | BCH-XX-D    | C-58-04-X   | C-58-03-X  |
| -S-PE (SEE FIG.4)    | SSM-XX-S    | C-166-10-X  | -----      |
| -D-PE (SEE FIG.4)    | SSM-XX-D    | C-166-10-X  | -----      |
| -S-DE-BE (SEE FIG.1) | SSM-XX-S-BE | C-95-01-X   | -----      |
| -D-DE-BE (SEE FIG.1) | SSM-XX-D    | C-95-01-X   | -----      |
| -S-PE-BE (SEE FIG.4) | SSM-XX-S-BE | C-166-10-X  | -----      |
| -D-PE-BE (SEE FIG.4) | SSM-XX-D    | C-166-10-X  | -----      |



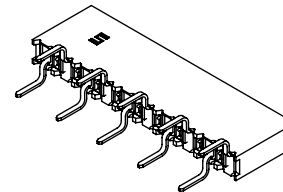
(-DE TAIL ORIENTATION)



(-TE TAIL ORIENTATION)



(-HE TAIL ORIENTATION)



(-PE TAIL ORIENTATION)

NOTES:

1.  $\varnothing$  REPRESENTS CRITICAL DIM. FOR STATISTICAL PROCESS CONTROL.
2. PUSHOUT FORCE TO BE: 1 lb. MIN.
3. [ ] DIMENSIONS ARE IN MILLIMETERS.
4. MIN WALL THICKNESS ON CUT PARTS: .009 [.23].
5. CUT PARTS TO BE SYMMETRICAL ABOUT  $\varnothing$ .
6. 1st POSITION WILL ALWAYS POINT UP ON TOP VIEW AS SHOWN.
7. 1 THROUGH 4 POSITIONS ARE TO BE LAYER PACKAGED, 5 THROUGH 50 POSITIONS ARE TO BE TUBED FOR ALL ENTRY SPECIFICATION EXCEPT BCS-S-HE.FOR BCS-S-HE, 1 THROUGH 3 POSITIONS ARE TO BE LAYER PACKAGED, 4 THROUGH 50 POSITIONS ARE TO BE TUBED.
8. DAMAGE TO THE CUT SURFACE CAN NOT EFFECT LEAD-IN OF THE CORES.
9. MAX VARIATION WITHIN A ROW: .006 [.15]  
MAX VARIATION FROM ROW TO ROW: .012 [.30]

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES  
.XX:  $\pm 0.01$  [.3] 2°  
.XXX:  $\pm 0.005$  [.13]  
.XXXX:  $\pm 0.0020$  [.051]

PROPRIETARY NOTE

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1  
INSULATOR: GLASS FILLED LCP UL 94 VO, COLOR: BLACK  
CONTACT: PHOS. BRONZE

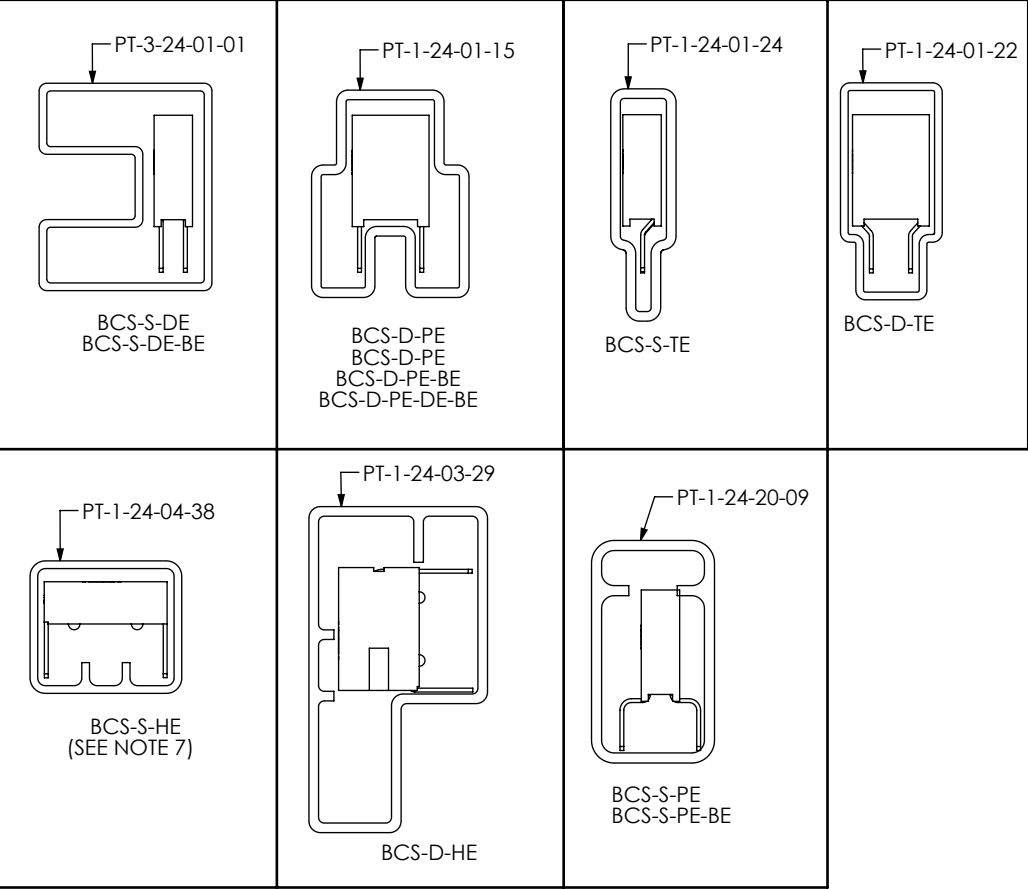
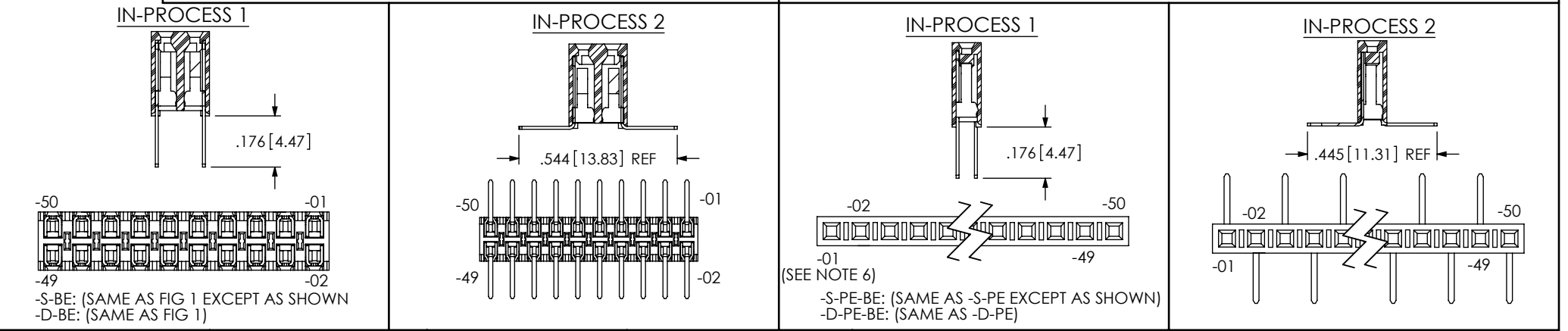
F:\DWG\MISC\MKTG\BCS-1XX-XXX-X-XX-XXX-MKT.SLDRW

**samtec**

520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:  
BOX CONNECTOR SOCKET STRIP  
DWG. NO.  
BCS-1XX-XXX-X-XX-XXX  
BY: KOLB 09/12/1991 SHEET 1 OF 3





| PART NUMBER | TUBE          | PLUG      |
|-------------|---------------|-----------|
| BCS-S-DE    | PT-3-24-01-01 | TP-03 (2) |
| BCS-D-DE    | PT-1-24-01-15 | TP-03 (2) |
| BCS-S-TE    | PT-1-24-01-24 | TP-24 (2) |
| BCS-D-TE    | PT-1-24-01-22 | TP-03 (2) |
| BCS-S-HE    | PT-1-24-04-38 | TP-03 (2) |
| BCS-D-HE    | PT-1-24-03-29 | TP-29 (2) |
| BCS-S-PE    | PT-1-24-20-09 | TP-09 (2) |
| BCS-D-PE    | PT-1-24-01-15 | TP-03 (2) |
| BCS-S-DE-BE | PT-3-24-01-01 | TP-03 (2) |
| BCS-D-DE-BE | PT-1-24-01-15 | TP-03 (2) |
| BCS-S-PE-BE | PT-1-24-20-09 | TP-09 (2) |
| BCS-D-PE-BE | PT-1-24-01-15 | TP-03 (2) |

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1

520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733    FAX: 812-948-5047  
e-Mail: info@SAMTEC.com    code 55322

DESCRIPTION:  
BOX CONNECTOR SOCKET STRIP

DWG. NO.  
BCS-1XX-XXX-X-XX-XXX

BY: KOLB    09/12/1991    SHEET 3 OF 3