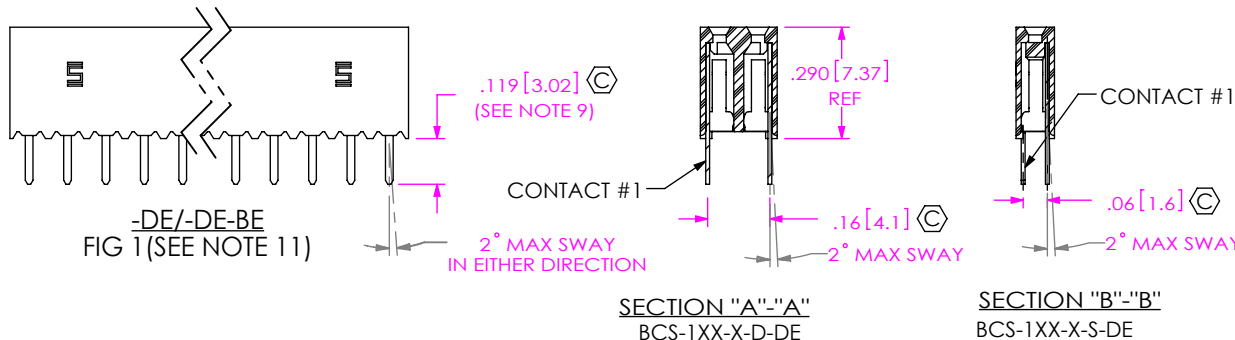
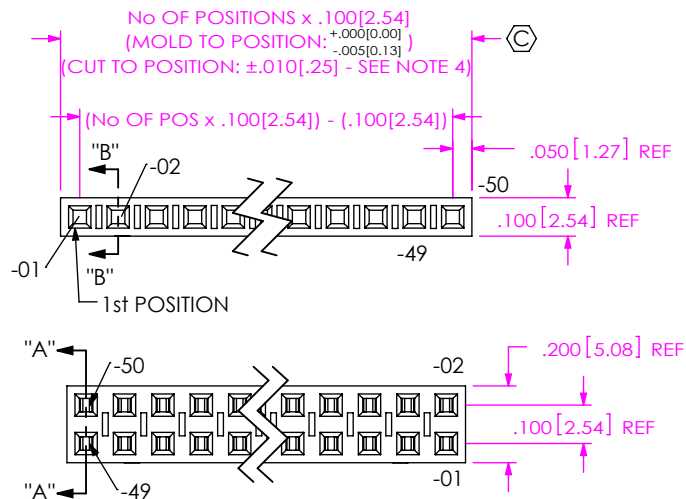




**THE DATASHEET OF  
BCS-112-L-S-HE**



DO NOT SCALE FROM THIS PRINT



No OF POSITIONS  
-01 THRU -50

PLATING SPECIFICATIONS  
(SEE TABLE 1)

- T: MATTE TIN CONTACT AND TAIL
- L: 10μ" LIGHT SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- F: 3μ" FLASH SELECTIVE GOLD CONTACT AREA, MATTE TIN ON TAIL
- S: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- H: 30μ" HEAVY GOLD IN CONTACT AREA, 3μ" GOLD ON TAIL
- SM: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- TM: MATTE TIN CONTACT AND TAIL
- LM: 10μ" LIGHT SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- FM: 3μ" FLASH SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- LTL: 10μ" 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)

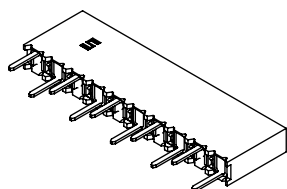
ENTRY SPECIFICATION

- 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)

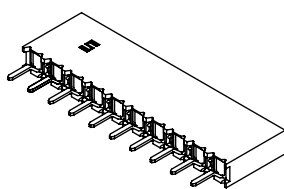
BODY SPECIFICATION

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

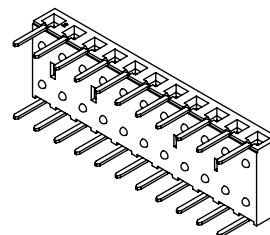
TABLE 1			
ENTRY SPEC	BODY SPEC	CONTACT #1	CONTACT #2
-S-DE (SEE FIG 1)	SSM-XX-S	C-95-01-X	-----
-D-DE (SEE FIG 1)	SSM-XX-D	C-95-01-X	-----
-S-TE (SEE FIG 3)	SSM-XX-S	C-95-09-X	-----
-D-TE (SEE FIG 3)	SSM-XX-D	C-95-09-XXX	-----
-S-HE (SEE FIG 2)	BCH-XX-S	C-58-05-X	-----
-D-HE (SEE FIG 2)	BCH-XX-D	C-58-04-X	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	-----



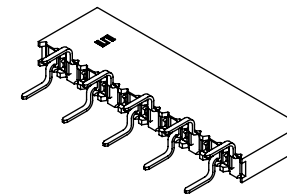
(-DE TAIL ORIENTATION)



(-TE TAIL ORIENTATION)



(-HE TAIL ORIENTATION)



(-PE TAIL ORIENTATION)

NOTES:

1. Ⓢ REPRESENTS CRITICAL DIM. FOR STATISTICAL PROCESS CONTROL.
2. MINIMUM PUSHOUT FORCE TO BE: 1 LB.
3. [ ] DIMENSIONS ARE IN MILLIMETERS.
4. MINIMUM WALL THICKNESS ON CUT PARTS: .009 [0.23].
5. CUT PARTS TO BE SYMMETRICAL ABOUT  $\bar{C}$ .
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 AND BCS-D-HE. FOR BCS-S-HE AND BCS-D-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. MAXIMUM VARIATION WITHIN A ROW: .006 [0.15].  
MAXIMUM VARIATION FROM ROW TO ROW: .012 [0.30].
10. MAXIMUM CUT FLASH: .015 [0.38].
11. CHAMFERED END-WALLS MAY OR MAY NOT BE PRESENT ON ONE OR BOTH ENDS OF FINISHED GOOD.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES  
.XX:  $\pm 0.01[0.3]$  2°  
.XXX:  $\pm 0.005[0.13]$   
.XXXX:  $\pm 0.0020[0.051]$

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520 PARK EAST BLVD. NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail info@SAMTEC.com code 5332

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1

INSULATOR: GLASS FILLED LCP UL 94 VO, COLOR: BLACK  
CONTACT: PHOS. BRONZE

DESCRIPTION: BOX CONNECTOR SOCKET STRIP

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

BY: KOLB 09/12/1991 SHEET 1 OF 3

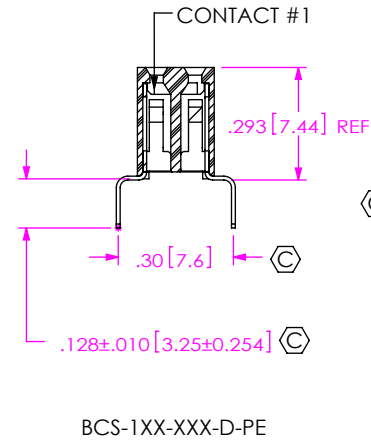
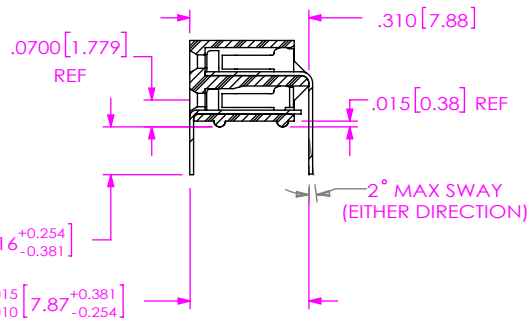
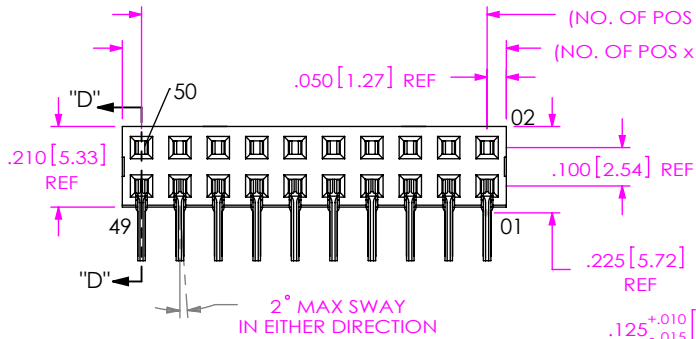
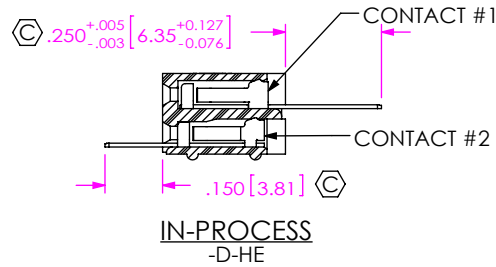
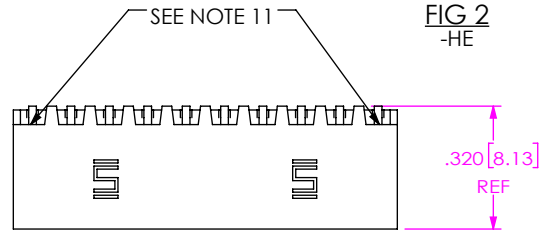
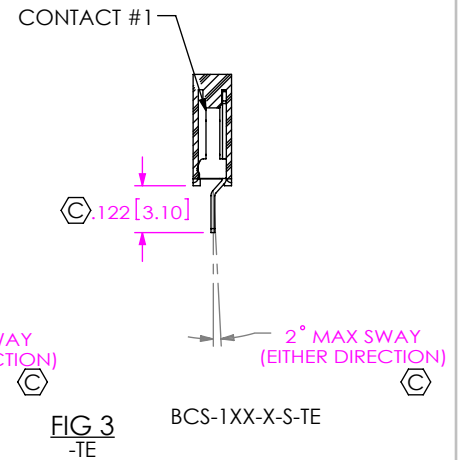
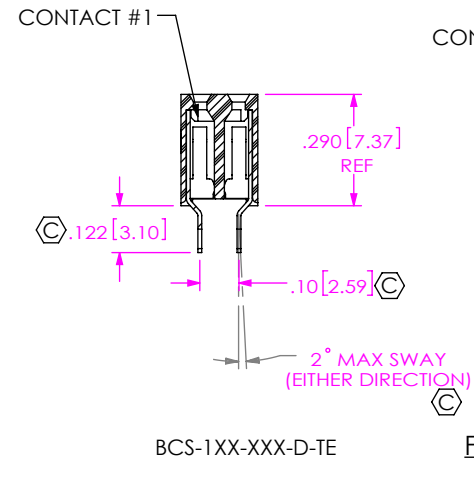
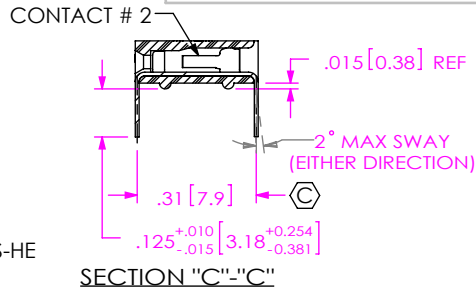
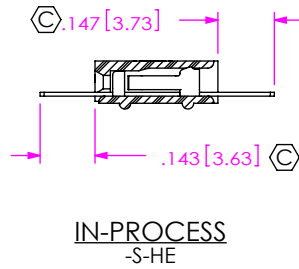
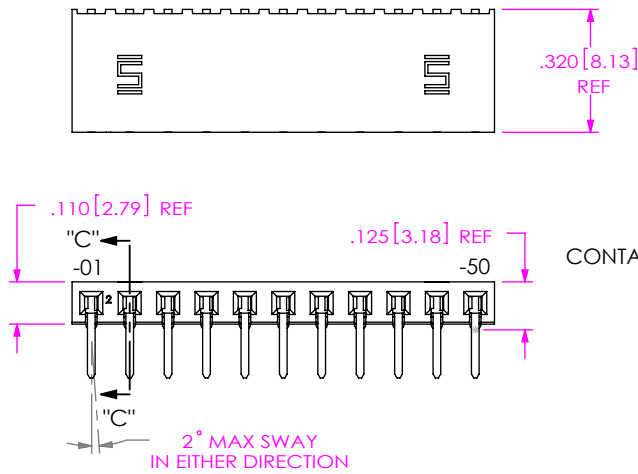
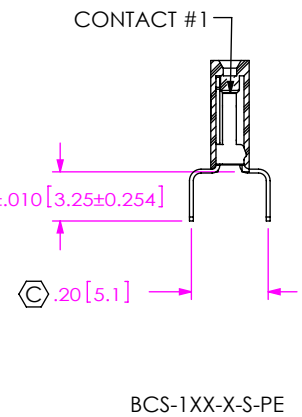


FIG 4  
-PE/-PE-BE  
(SEE SHEET 3 FOR IN-PROCESS)



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SHEET SCALE: 2:1

**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

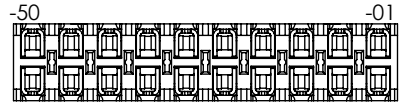
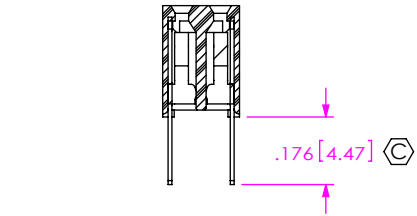
BY: KOLB 09/12/1991 SHEET 2 OF 3

IN-PROCESS 1

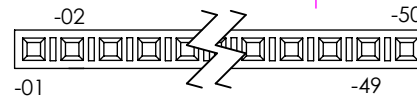
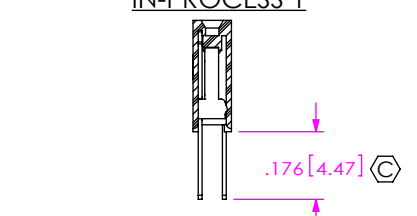
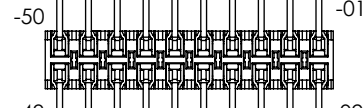
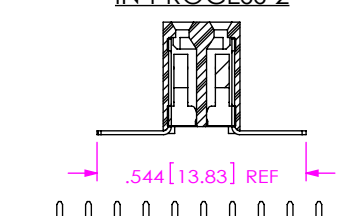
IN-PROCESS 2

IN-PROCESS 1

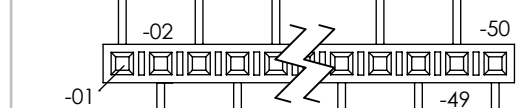
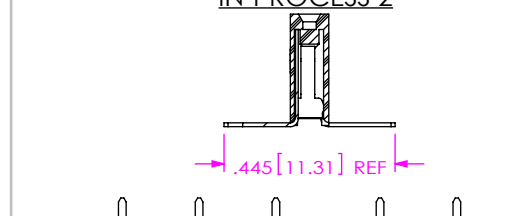
IN-PROCESS 2



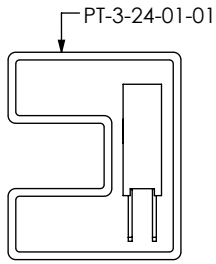
-S-BE: (SAME AS FIG 1 EXCEPT AS SHOWN)  
-D-BE: (SAME AS FIG 1)



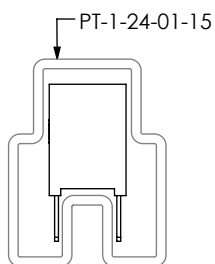
-S-PE-BE: (SAME AS -S-PE EXCEPT AS SHOWN)  
-D-PE-BE: (SAME AS -D-PE)



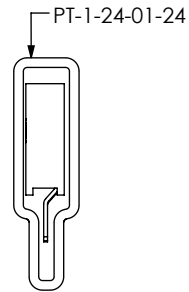
(SEE NOTE 6)



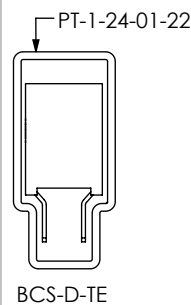
BCS-S-DE  
BCS-S-DE-BE



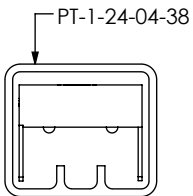
BCS-D-PE  
BCS-D-PE  
BCS-D-PE-BE  
BCS-D-PE-DE-BE



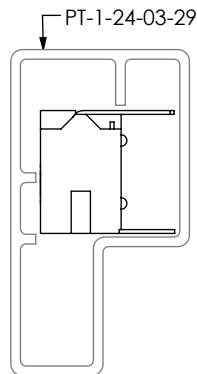
BCS-S-TE



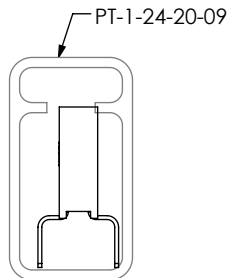
BCS-D-TE



BCS-S-HE  
(SEE NOTE 7)



BCS-D-HE  
(SEE NOTE 7)



BCS-S-PE  
BCS-S-PE-BE

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-03 (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-03 (2)
BCS-D-PE-BE	PT-1-24-01-15	TP-03 (2)

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

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