

No OF POSITIONS  
-01 THRU -50

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

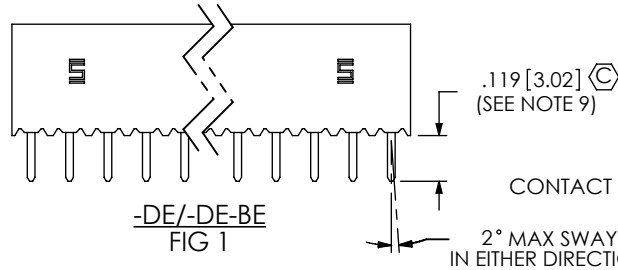
POLARIZING OPTION  
INSERT PK-06-N INTO SPECIFIED  
POS AND BREAK OFF TAB  
(NOT AVAILABLE FOR -BE OPTION)

ENTRY SPECIFICATION

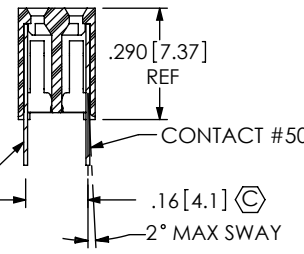
- DE: DUAL ENTRY (SEE TABLE 1)
- TE: TOP ENTRY (SEE TABLE 1)
- HE: HORIZONTAL ENTRY (SEE TABLE 1)
- PE: PASS-THROUGH ENTRY (SEE TABLE 1)
- DE-BE: (SEE TABLE 1)
- PE-BE: (SEE TABLE 1)

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

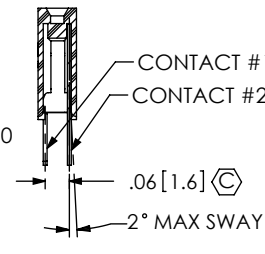
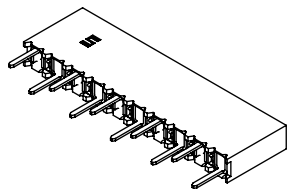
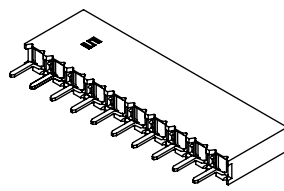


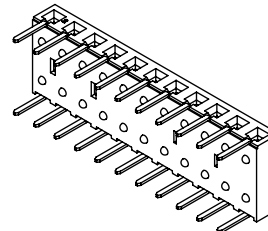
TABLE 1			
ENTRY SPEC	BODY SPEC	CONTACT #1	CONTACT #2
-S-DE (SEE FIG 1)	SSM-XX-S	C-95-01-X	-----
-D-DE (SEE FIG 1)	SSM-XX-D	C-95-01-X	-----
-S-TE (SEE FIG 3)	SSM-XX-S	C-95-09-X	-----
-D-TE (SEE FIG 3)	SSM-XX-D	C-95-09-XXX	-----
-S-HE (SEE FIG 2)	BCH-XX-S	C-58-05-X	-----
-D-HE (SEE FIG 2)	BCH-XX-D	C-58-04-X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



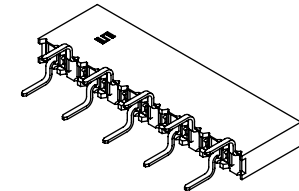
(-DE TAIL ORIENTATION)



(-TE TAIL ORIENTATION)



(-HE TAIL ORIENTATION)



(-PE TAIL ORIENTATION)

NOTES:

1.  $\phi$  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  $\phi$ .
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].

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES  
.XX:  $\pm .01[0.3]$  2°  
.XXX:  $\pm .005[0.13]$   
.XXXX:  $\pm .0020[0.051]$

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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

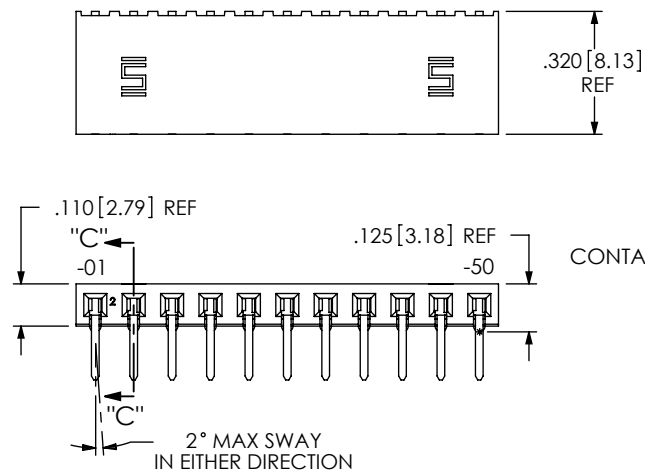
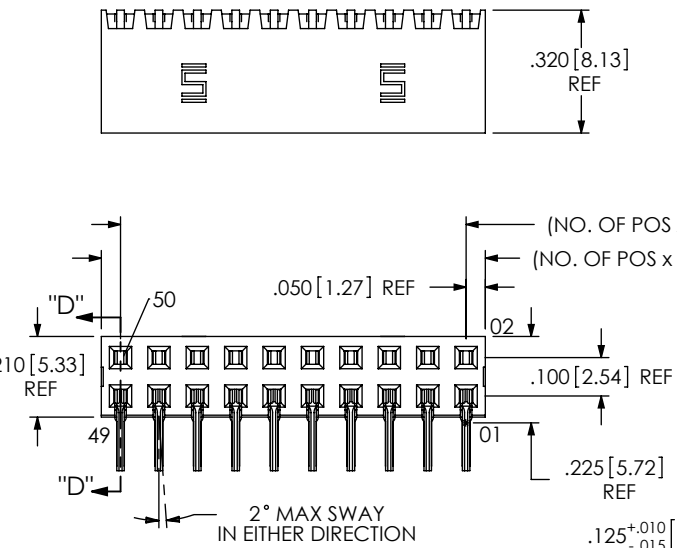


FIG 2  
-HE



BCS-1XX-X-D-HE

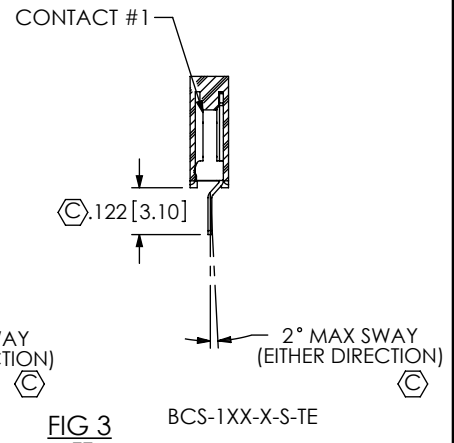
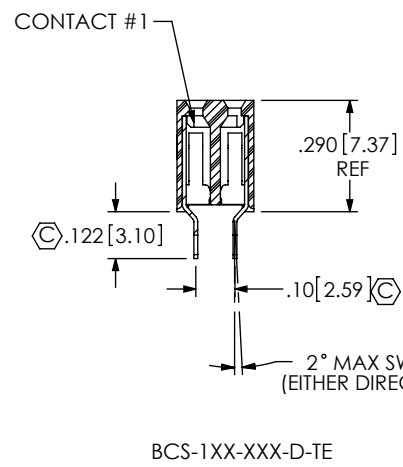
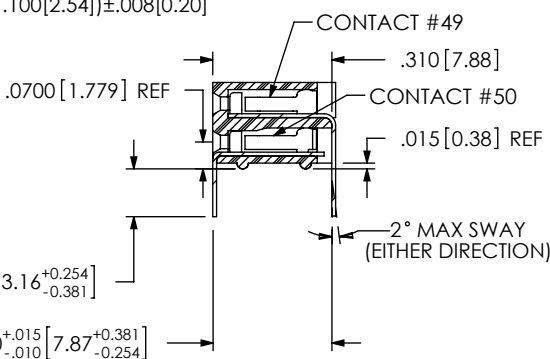
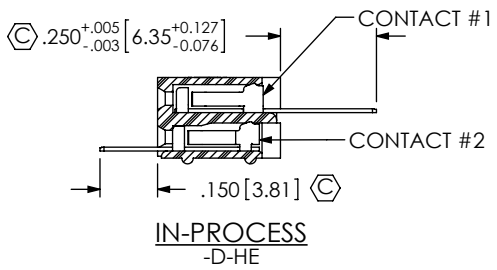
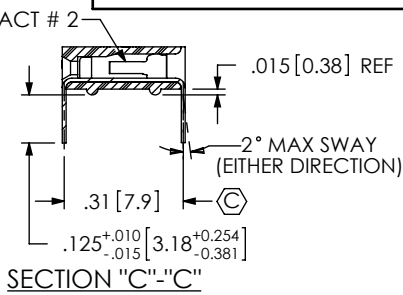
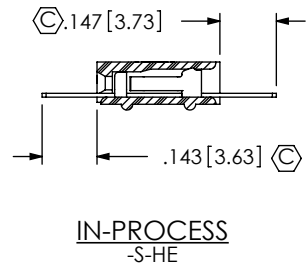


FIG 3  
-TE

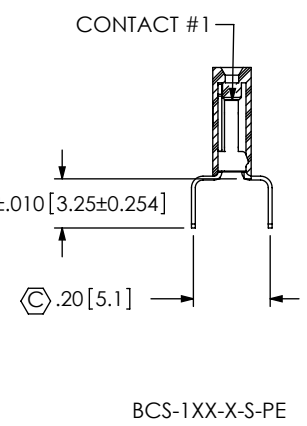
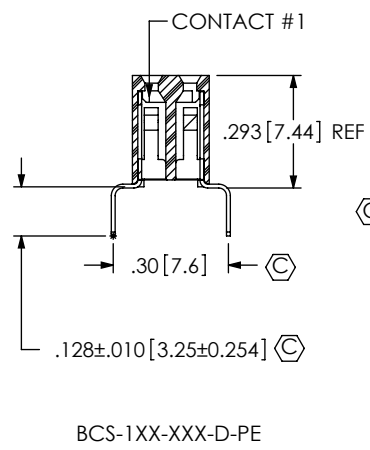


FIG 4  
-PE/-PE-BE  
(SEE SHEET 3 FOR IN-PROCESS)

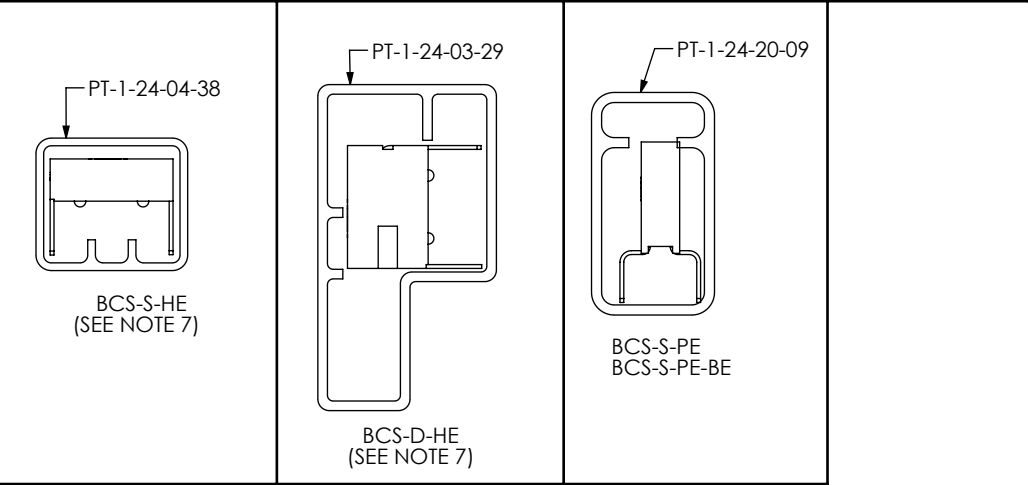
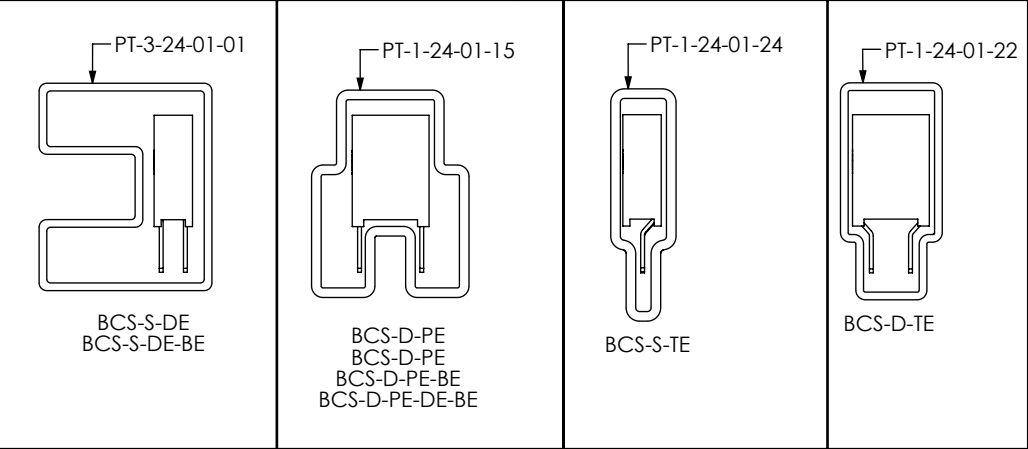
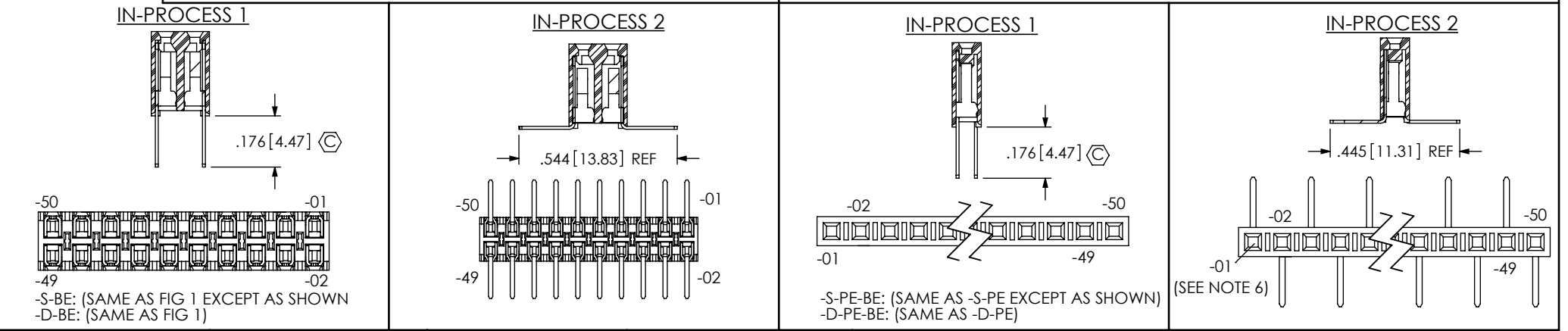
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520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:		
BOX CONNECTOR SOCKET STRIP		
DWG. NO.		
BCS-1XX-XXX-X-XX-XXX		
BY: KOLB	09/12/1991	SHEET 2 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-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