

Excellent Integrated System Limited

Stocking Distributor

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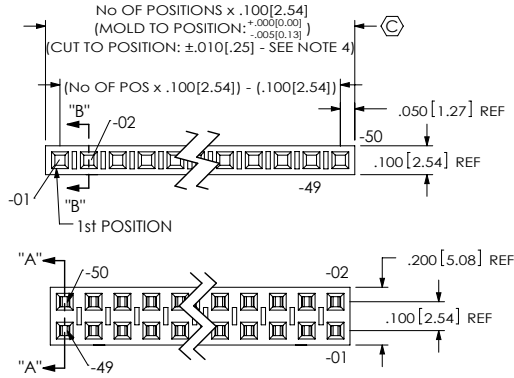
[Samtec, Inc.](#)
[BCS-150-L-D-HE](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

REVISION BY

DO NOT
SCALE FROM
THIS PRINT



No OF POSITIONS
-01 THRU -50

BCS-1XX-XXX-X-XX-XXX

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

PLATING SPECIFICATIONS
(SEE TABLE 1)

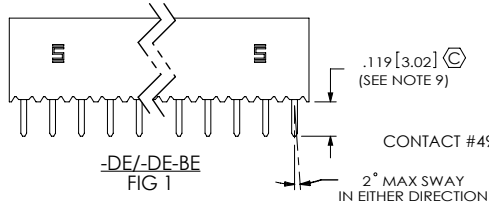
- T: MATTE TIN CONTACT AND TAIL
- L: 10 μ " LIGHT SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- F: 3 μ " FLASH SELECTIVE GOLD CONTACT AREA, MATTE TIN ON TAIL
- S: 30 μ " SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- H: 30 μ " HEAVY GOLD IN CONTACT AREA, 3 μ " GOLD ON TAIL
- SM: 30 μ " SELECTIVE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

ENTRY SPECIFICATION

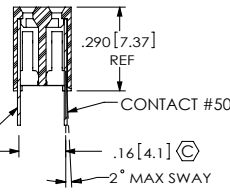
- DE: DUAL ENTRY (SEE TABLE 1)
- TE: TOP ENTRY (SEE TABLE 1)
- HE: HORIZONTAL ENTRY (SEE TABLE 1)
- PE: PASS-THROUGH ENTRY (SEE TABLE 1)
- DE-BE: (SEE TABLE 1)
- PE-BE: (SEE TABLE 1)

BODY SPECIFICATION

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

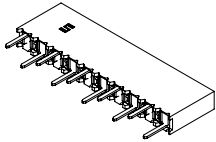


SECTION "A"- "A"
BCS-1XX-X-D-DE

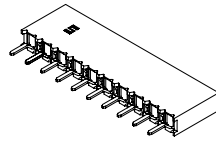


SECTION "B"- "B"
BCS-1XX-X-S-DE

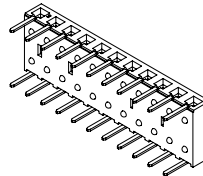
| TABLE 1 | | | |
|----------------------|-------------|-------------|------------|
| ENTRY SPEC | BODY SPEC | CONTACT #1 | CONTACT #2 |
| -S-DE (SEE FIG 1) | SSM-XX-S | C-95-01-X | ----- |
| -D-DE (SEE FIG 1) | SSM-XX-D | C-95-01-X | ----- |
| -S-TE (SEE FIG 3) | SSM-XX-S | C-95-09-X | ----- |
| -D-TE (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 | ----- |



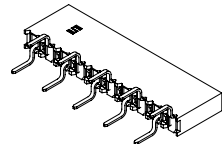
(-DE TAIL ORIENTATION)



(-TE TAIL ORIENTATION)



(-HE TAIL ORIENTATION)



(-PE TAIL ORIENTATION)

NOTES:

1. ϕ 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 ϕ .
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:

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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.SLDDRW

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

REVISION BY

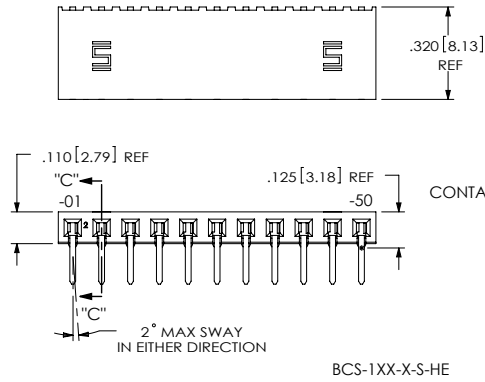
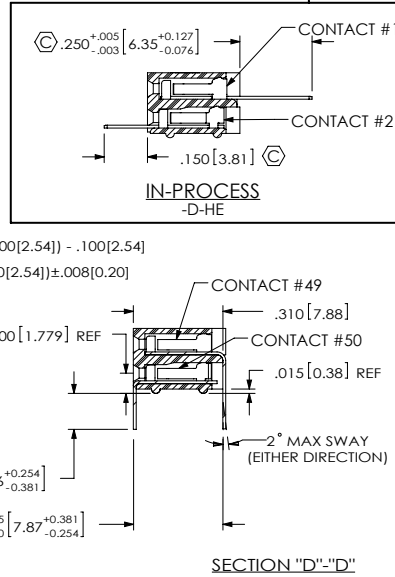
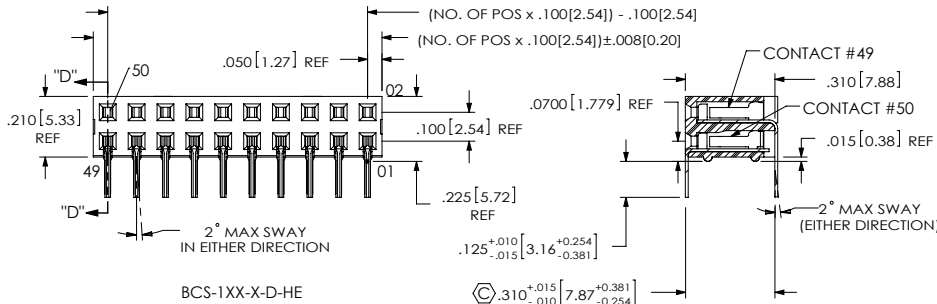
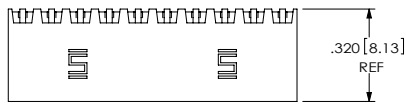
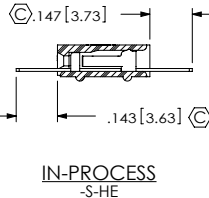


FIG 2
-HE



SECTION "D"-D"



IN-PROCESS
-S-HE

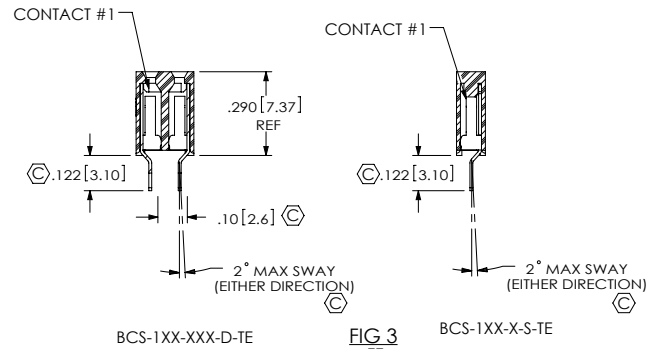


FIG 3
-TE

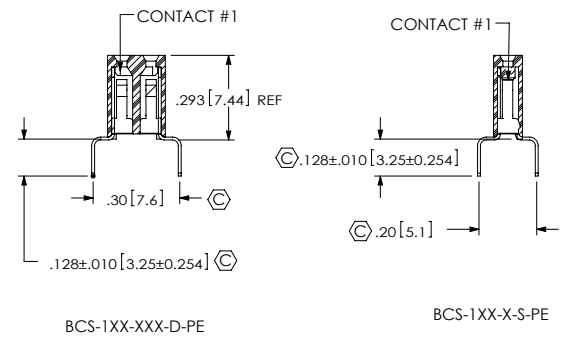


FIG 4
-PE/-PE-BE
(SEE SHEET 3 FOR IN-PROCESS)

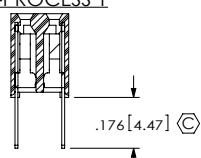

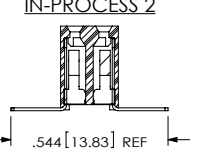
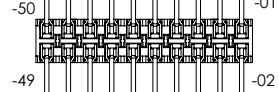
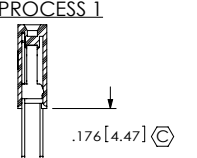
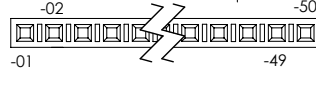
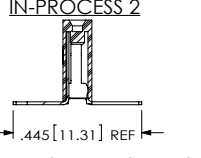
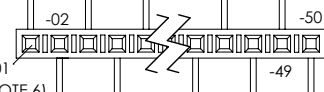
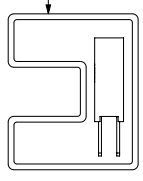
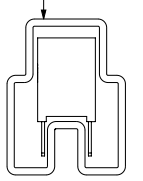
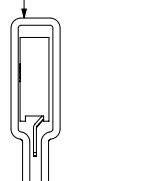
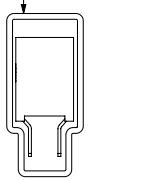
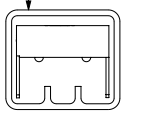
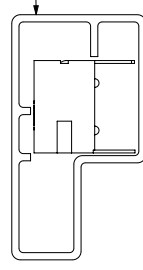
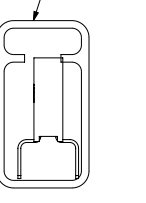
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samtec
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION: BOX CONNECTOR SOCKET STRIP
DWG. NO. BCS-1XX-XXX-X-XX-XXX
BY: KOLB 09/12/1991 SHEET 2 OF 3

| REVISION BY | | IN-PROCESS BCS-1XX-X-D-PE (SAME FOR -BE) | | IN-PROCESS BCS-1XX-X-S-PE (SAME FOR -BE) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---------------|--|--|---|--|--|--|--|--|-------------|------|------|----------|---------------|-----------|----------|---------------|-----------|----------|---------------|-----------|----------|---------------|-----------|----------|---------------|-----------|----------|---------------|-----------|----------|---------------|-----------|----------|---------------|-----------|-------------|---------------|-----------|-------------|---------------|-----------|-------------|---------------|-----------|-------------|---------------|-----------|
| <p>IN-PROCESS 1</p>   <p>-50 -01 -49 -02</p> <p>-S-BE: (SAME AS FIG 1 EXCEPT AS SHOWN) -D-BE: (SAME AS FIG 1)</p> | | <p>IN-PROCESS 2</p>   <p>-50 -01 -49 -02</p> | | <p>IN-PROCESS 1</p>   <p>-02 -50 -01 -49</p> <p>-S-PE-BE: (SAME AS -S-PE EXCEPT AS SHOWN) -D-PE-BE: (SAME AS -D-PE)</p> | | <p>IN-PROCESS 2</p>   <p>-02 -50 -01 -49</p> <p>(SEE NOTE 6)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>PT-3-24-01-01</p>  <p>BCS-S-DE BCS-S-DE-BE</p> | | <p>PT-1-24-01-15</p>  <p>BCS-D-PE BCS-D-PE BCS-D-PE-BE BCS-D-PE-DE-BE</p> | | <p>PT-1-24-01-24</p>  <p>BCS-S-TE</p> | | <p>PT-1-24-01-22</p>  <p>BCS-D-TE</p> | | <table><tr><th>PART NUMBER</th><th>TUBE</th><th>PLUG</th></tr><tr><td>BCS-S-DE</td><td>PT-3-24-01-01</td><td>TP-03 (2)</td></tr><tr><td>BCS-D-DE</td><td>PT-1-24-01-15</td><td>TP-03 (2)</td></tr><tr><td>BCS-S-TE</td><td>PT-1-24-01-24</td><td>TP-24 (2)</td></tr><tr><td>BCS-D-TE</td><td>PT-1-24-01-22</td><td>TP-03 (2)</td></tr><tr><td>BCS-S-HE</td><td>PT-1-24-04-38</td><td>TP-03 (2)</td></tr><tr><td>BCS-D-HE</td><td>PT-1-24-03-29</td><td>TP-29 (2)</td></tr><tr><td>BCS-S-PE</td><td>PT-1-24-20-09</td><td>TP-09 (2)</td></tr><tr><td>BCS-D-PE</td><td>PT-1-24-01-15</td><td>TP-03 (2)</td></tr><tr><td>BCS-S-DE-BE</td><td>PT-3-24-01-01</td><td>TP-03 (2)</td></tr><tr><td>BCS-D-DE-BE</td><td>PT-1-24-01-15</td><td>TP-03 (2)</td></tr><tr><td>BCS-S-PE-BE</td><td>PT-1-24-20-09</td><td>TP-09 (2)</td></tr><tr><td>BCS-D-PE-BE</td><td>PT-1-24-01-15</td><td>TP-03 (2)</td></tr></table> | | 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) |
| 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) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>PT-1-24-04-38</p>  <p>BCS-S-HE (SEE NOTE 7)</p> | | <p>PT-1-24-03-29</p>  <p>BCS-D-HE (SEE NOTE 7)</p> | | <p>PT-1-24-20-09</p>  <p>BCS-S-PE BCS-S-PE-BE</p> | | <p>DO NOT SCALE DRAWING</p> <p>SHEET SCALE: 2:1</p> | | <p>PROPRIETARY NOTE</p> <p>THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.</p> <p>520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail: info@SAMTEC.com code 55322</p> <p>DESCRIPTION: BOX CONNECTOR SOCKET STRIP</p> <p>DWG. NO. BCS-1XX-XXX-X-XX-XXX</p> <p>BY: KOLB 09/12/1991 SHEET 3 OF 3</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

F:\DWG\MISC\KITGA\BCS-1XX-XXX-X-XX-XXX-MKT.SLDPRW