THE DATASHEET OF

SSW-107-22-S-D-VS-K

REVISION BB

DO NOT SCALE FROM THIS PRINT

SSW-1XX-22-XXX-X-VS-XX-X-XX

((NO OF POS X .10 [2.5]) + .02 [0.5] (SEE NOTE 12)

.060 [1.52] REF

.095 [2.41] REF

02

01 03

-S: SINGLE ROW

No OF POSITIONS
-02 THRU -50

LEAD STYLE
-22 (USE C-17-02-X)

PLATING SPECIFICATIONS
-G: GOLD, 20µ" Au / 50µ" Ni MIN ON CONTACT, 3µ" AU / 50µ" Ni MIN ON TAIL
-S: SELECTIVE, 30µ" Au / 50µ" Ni MIN ON CONTACT, MATTE TIN TAIL
-H: HEAVY GOLD 30µ" Au / 50µ" Ni MIN ON CONTACT, 3µ" Au / 50µ" Ni MIN ON TAIL
-F: FLASH SELECTIVE, 3µ" Au / 50µ" Ni MIN ON CONTACT, MATTE TIN TAIL
-STL: SELECTIVE, 30µ" Au / 50µ" Ni MIN ON CONTACT AREA, TIN /LEAD (90/10 +/-5%) TAIL
-SM: SELECTIVE, 30µ" Au / 50µ" Ni MIN ON CONTACT, MATTE TIN TAIL
-FM: FLASH SELECTIVE, 3µ" Au / 50µ" Ni MIN ON CONTACT, MATTE TIN TAIL (-VS OPTION ONLY)
-L: LIGHT SELECTIVE, 10µ" Au / 50µ" Ni MIN ON CONTACT AREA, MATTE TIN TAIL

OPTION
-TR: TAPE & REEL (AVAILABLE FOR POSITIONS -02 THRU -28, -VS OPTION ONLY

OPTION
-P: PICK AND PLACE (5 POS MIN) (SEE FIG 5, SHT 3) (USE LMP-02 FOR -D OPTION) (USE PPP-12 FOR -S OPTION)
-K: PAD (3 POS MIN) (SEE FIG 6, SHT 3)
-N: NOTCH (SEE FIG 7, SHT 4, POSITIONS 05, 07, 08, 10, 12, 13, 15, 17, 20, 25, 32, 36 ONLY) (ONLY AVAILABLE IN -D ROW, -VS OPTION) (USE NSW-XX-D-N-XX BODY, SEE TABLE 2) (NOT AVAILABLE WITH THE -P OPTION)

POLARIZING OPTION
INDICATE POS (SEE FIG 4, SHT 2) (NOT AVAILABLE FOR ALL POSITIONS ON SINGLE ROW WITH (-P) OPTION) (SEE FIG 8, SHT 2)

BODY SPECIFICATION
-S: SINGLE (USE SSW-XX-S, SEE FIG 1)
-D: DOUBLE (USE SSW-XX-D, SEE FIG 1)

OPTION
-VS: VERTICAL SURFACE MOUNT (SEE FIG 1)

04 02

.195 [4.95] REF

03 01

-D: DOUBLE ROW

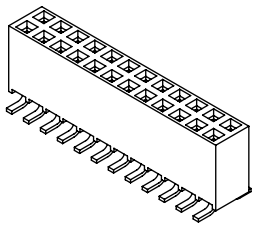
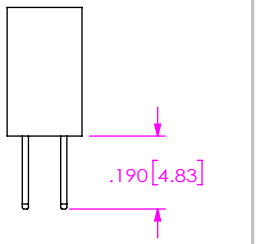
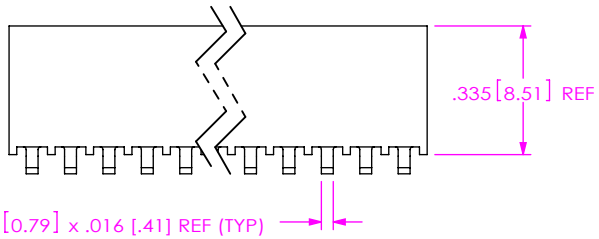


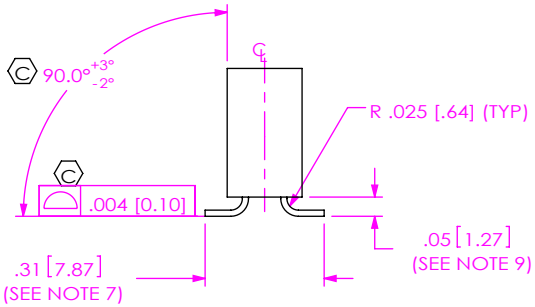
FIG 1
-VS: VERTICAL SURFACE MOUNT



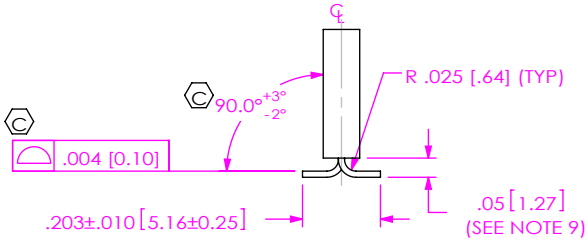
IN-PROCESS DOUBLE ROW

IN-PROCESS SINGLE ROW





-D: DOUBLE ROW



-S: SINGLE ROW

NOTES:
1. Ⓒ REPRESENTS A CONTROL PLAN CRITICAL DIMENSION.
2. MAXIMUM CUT FLASH: .015[.38] WITH NO FLASH BELOW STANDOFFS OR IN CONTACT HOLES.
3. MAXIMUM ALLOWABLE BOW: .003[.08] INCH/INCH.
4. MAXIMUM ALLOWABLE SWAY: 2° EITHER DIRECTION.
5. MAXIMUM ALLOWABLE VARIATION BETWEEN ROWS: .010[.25].
6. "END WALLS" AFTER CUTTING SHOULD BE .020±.003 [.51±.08].
7. SHEAR TAILS TO DIMENSION SHOWN, BURR ALLOWED ON TOP SIDE (MOLD SIDE) TO .005 [.13] MAX
8. POSITIONS -05 THROUGH -50 TO BE PACKAGED INTUBES; POSITIONS -02 THROUGH -04 TO BE LAYER PACKAGED.
9. MEASURED AT BEND RADIUS, NOT AT END OF PIN.
10. MINIMUM CONTACT PUSHOUT FORCE: 1.5 lbs.
11. POLARIZED CORNER OF PPP-12 IS TO BE ORIENTED TOWARD POSITION 1.
12. SINGLE ROW SURFACE MOUNT PARTS: FOR ODD POSITIONS, LOSE ONE POSITION PER CUT, FOR EVEN POSITIONS, LOSE TWO POSITIONS PER CUT.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS
.XX: ±.01 [0.3]
.XXX: ±.005 [0.13]
.XXXX: ±.0020 [0.051]
ANGLES 2°

* PROPRIETARY NOTE *
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.

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

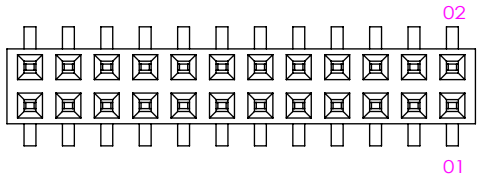
MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1
INSULATOR: SINGLE & DOUBLE ROW: LCP, UL 94 VO
TRIPLE ROW: PCT, UL 94 VO
COLOR: BLACK

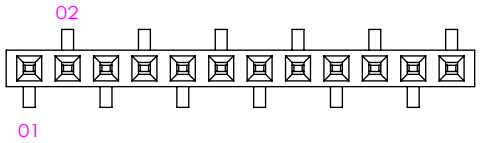
TERMINAL: PHOSPHOR BRONZE

F:\DWG\MISC\MKTG\SSW-1XX-22-XXX-X-VS-XX-X-XX-MKT.SLDDRW

DESCRIPTION: .100 [2.54] SURFACE MOUNT ASSEMBLY
DWG. NO. SSW-1XX-22-XXX-X-VS-XX-X-XX
BY: PLUMMER 01/20/97

REVISION BB





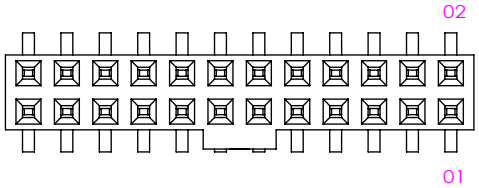
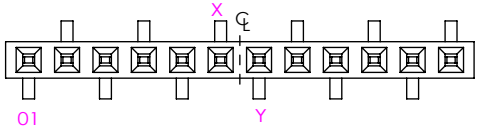
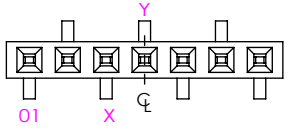


FIG 4
POLARIZATION LOCATION
INSERT PK-15-N INTO SPECIFIED POS AND BREAK OFF TAB



EVEN POSITIONS
X = (NO OF POS / 2), Y = X+1



ODD POSITIONS
X = ((NO OF POS - 1) / 2), Y = X+1

FIG 8
(POLARIZATION NOT AVAILABLE IN POSITION X & Y WITH -P OPTION)

* PROPRIETARY NOTE *
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.

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

DO NOT SCALE DRAWING

SHEET SCALE: 2:1

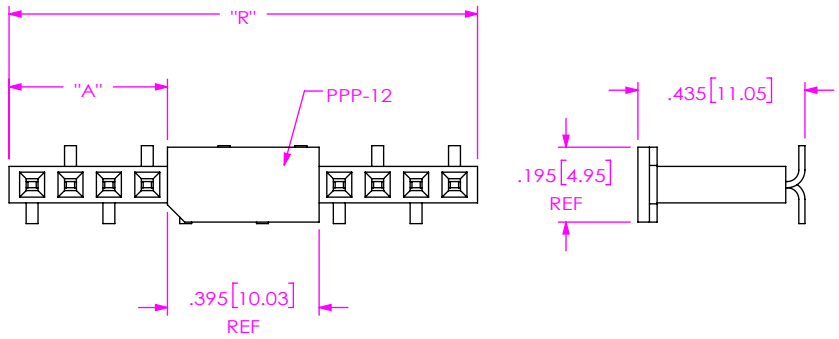
DESCRIPTION:
.100 [2.54] SURFACE MOUNT ASSEMBLY

DWG. NO.
SSW-1XX-22-XXX-X-VS-XX-X-XX

BY: PLUMMER 01/20/97

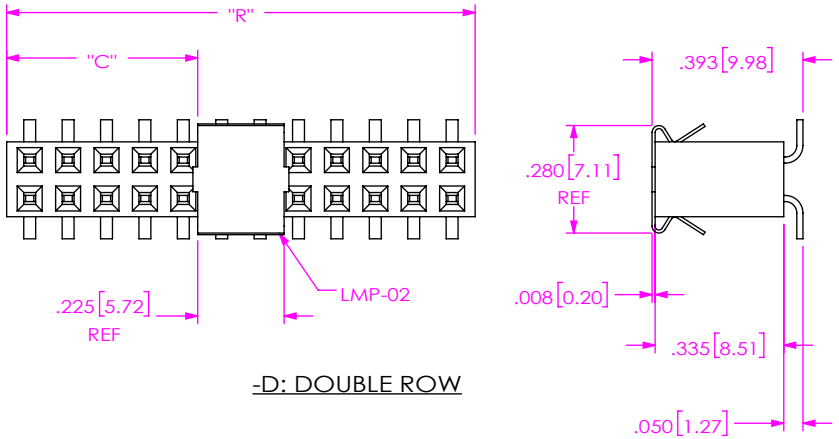
F:\DWG\MISC\MKTG\SSW-1XX-22-XXX-X-VS-XX-X-XX-MKT.SLDDRW

REVISION BB



-S: SINGLE ROW
(SEE NOTE 11)

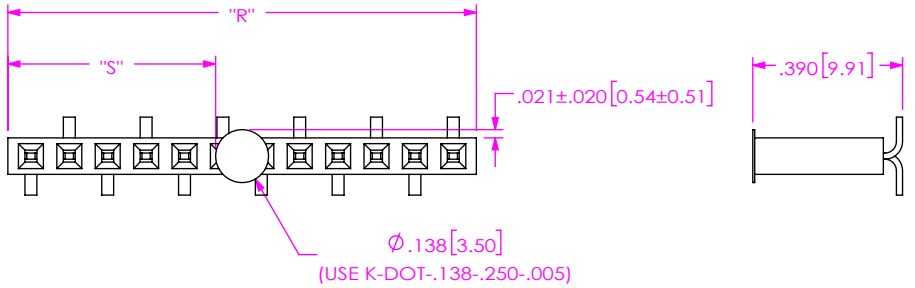
FOR ODD: "A" = ("R"/2) -.2475 [6.287] ± .020 [.51]
FOR EVEN: "A" = ("R"/2) -.1975 [5.027] ± .020 [.51]



-D: DOUBLE ROW

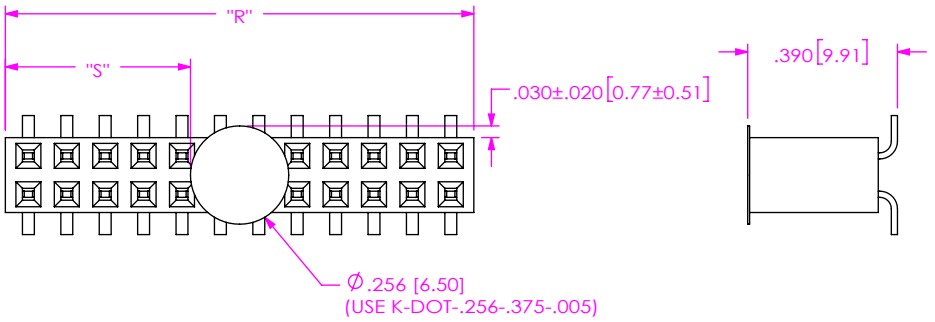
"C" = ("R"/2) -.1125 [2.858] ± .020 [.51]

FIG 5
-P: PICK & PLACE PAD OPTION



-S: SINGLE ROW

NOTE: "R" = USED MEASURED DIMENSION (REF)
"S" = {("R" / 2 - .069 [1.75]) ± .020 [.51]



-D: DOUBLE ROW

NOTE: "R" = USED MEASURED DIMENSION (REF)
"S" = {("R" / 2 - .128 [3.25]) ± .020 [.51]

FIG 6
-K: PAD OPTION

F:\DWG\MISC\MKTG\SSW-1XX-22-XXX-X-VS-XX-X-XX-MKT.SLDDRW

PROPRIETARY NOTE

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.

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

DO NOT SCALE DRAWING

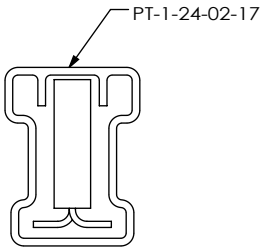
SHEET SCALE: 2:1

DESCRIPTION: .100 [2.54] SURFACE MOUNT ASSEMBLY

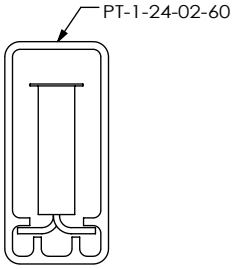
DWG. NO. SSW-1XX-22-XXX-X-VS-XX-X-XX

BY: PLUMMER 01/20/97

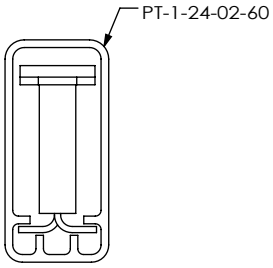
REVISION BB



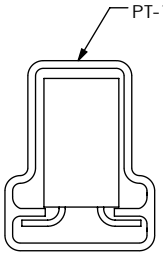
-S



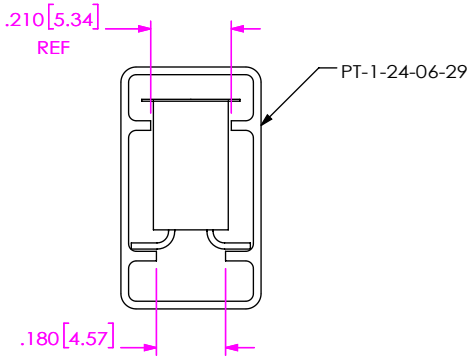
-S-K



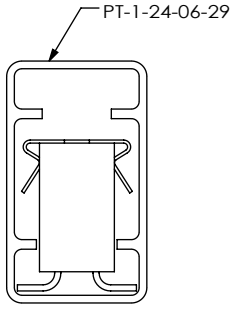
-S-P



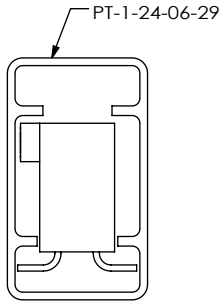
-D



-D-K



-D-P



-N

PACKAGING VIEWS

TABLE 1
(SEE NOTE 8)

ROW	TUBE	PLUG
-S	PT-1-24-02-17	TP-09
-D	PT-1-24-03-15	TP-03
-D-P	PT-1-24-06-29	TP-03
-S-P	PT-1-24-02-60	TP-03
-D-K	PT-1-24-06-29	TP-03
-S-K	PT-1-24-02-60	TP-03
-N	PT-1-24-06-29	TP-03

TABLE 2

POS PER ROW	NSW-XX-D-N-XX
5	NSW-47-D-N-05
7	NSW-47-D-N-07
8	NSW-44-D-N-08
10	NSW-43-D-N-10
12	NSW-38-D-N-12
13	NSW-41-D-N-13
15	NSW-47-D-N-15
17	NSW-35-D-N-17
20	NSW-20-D-N
25	NSW-25-D-N
32	NSW-32-D-N
36	NSW-36-D-N

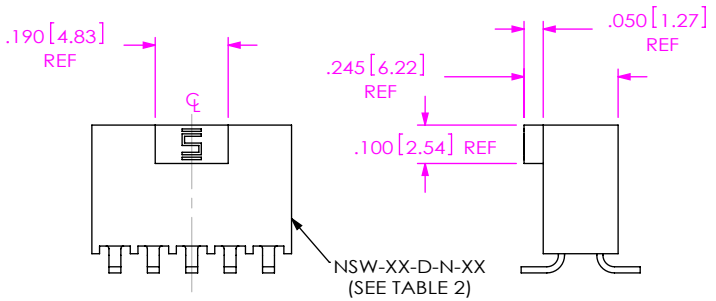


FIG 7
NOTCH OPTION
DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1

* PROPRIETARY NOTE *
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.

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

DO NOT SCALE DRAWING

SHEET SCALE: 2:1

DESCRIPTION:
.100 [2.54] SURFACE MOUNT ASSEMBLY

DWG. NO.
SSW-1XX-22-XXX-X-VS-XX-X-XX

BY: PLUMMER 01/20/97

F:\DWG\MISC\MKTG\SSW-1XX-22-XXX-X-VS-XX-X-XX-MKT.SLDDRW

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

- View SSW-107-22-S-D-VS-K on WIN SOURCE
- Samtec Inc. Information

Optimize Your Supply Chain with WIN SOURCE Solutions

- Global Sourcing Solution
- Obsolete Management
- Cost Control Management
- Shortage Management
- Alternative Solution
- Excess Inventory Management