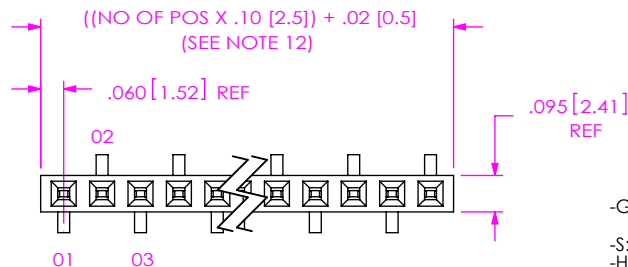
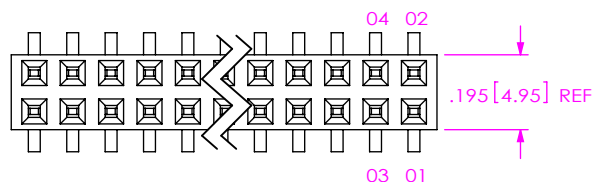




THE DATASHEET OF SSW-107-22-S-D-VS-K

DO NOT
SCALE FROM
THIS PRINT

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

-S: SINGLE ROW-D: DOUBLE ROWFIG 1
-VS: VERTICAL SURFACE MOUNTNO. OF POSITIONS
-02 THRU -50LEAD STYLE
-22 (USE C-17-02-X)PLATING SPECIFICATIONS

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

BODY SPECIFICATION

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

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)

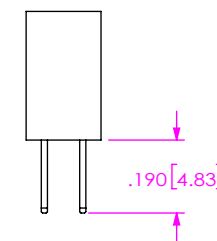
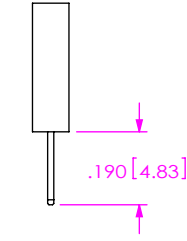
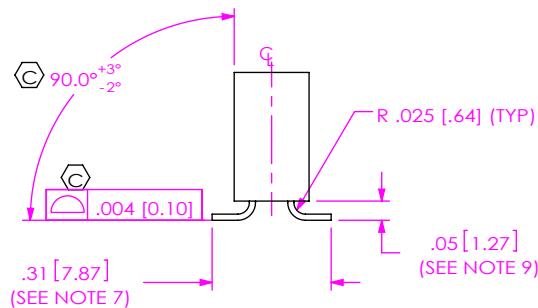
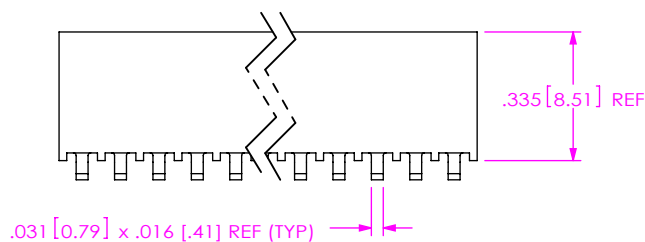
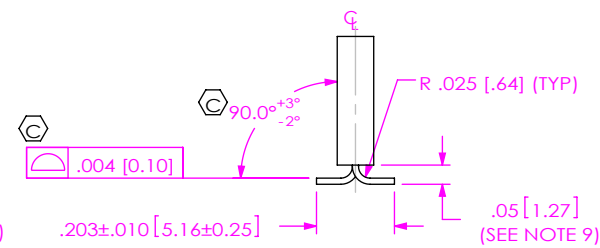
-N: NOTCH (SEE FIG 7, SHT 4, POSITIONS 05, 07, 08, 10, 12, 13, 15, 17, 20, 25, 32, 36 ONLY)
 (ONLY AVAILABLE IN -D ROW, -VS OPTION)
 (USE NSW-XX-D-N-XX BODY, SEE TABLE 2)
 (NOT AVAILABLE WITH THE -P OPTION)

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)

OPTION

-VS: VERTICAL SURFACE MOUNT (SEE FIG 1)

IN-PROCESS
DOUBLE ROWIN-PROCESS
SINGLE ROW-D: DOUBLE ROW-S: SINGLE ROW

NOTES:

1. $\odot$ 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 $.020 \pm .003\ [.51 \pm .08]$.
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 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: 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

samtec

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

DESIGNER:

.100 [2.54] SURFACE MOUNT ASSEMBLY

DWG. NO.

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

BY: PLUMMER 01/20/97

SHEET 1 OF 4

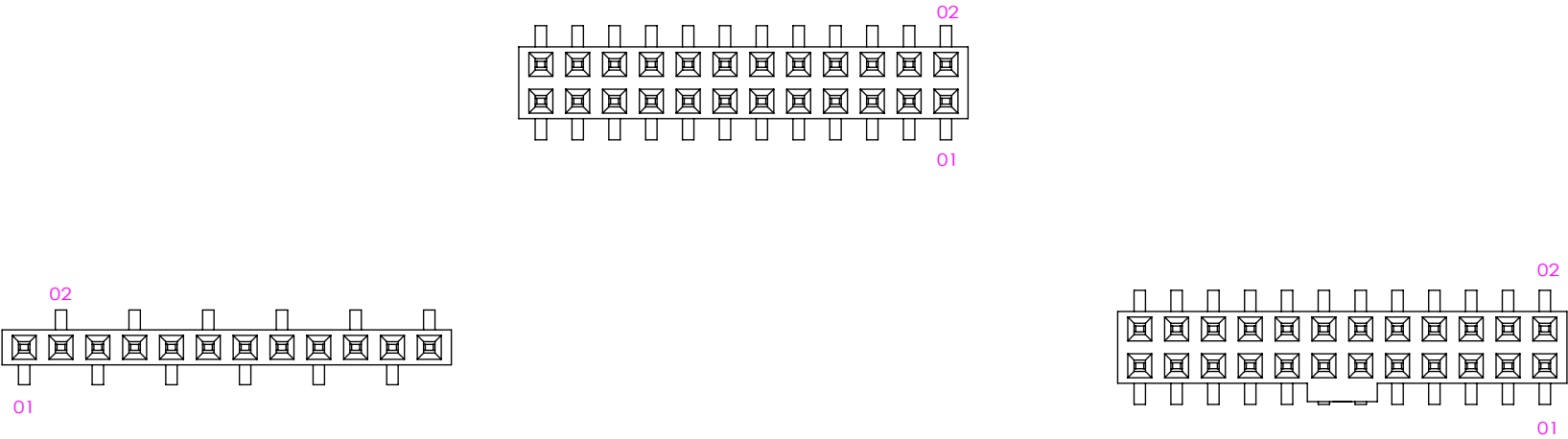


FIG 4
POLARIZATION LOCATION
INSERT PK-15-N INTO SPECIFIED POS AND BREAK OFF TAB

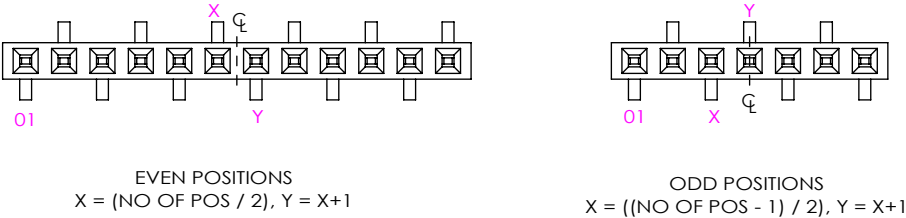
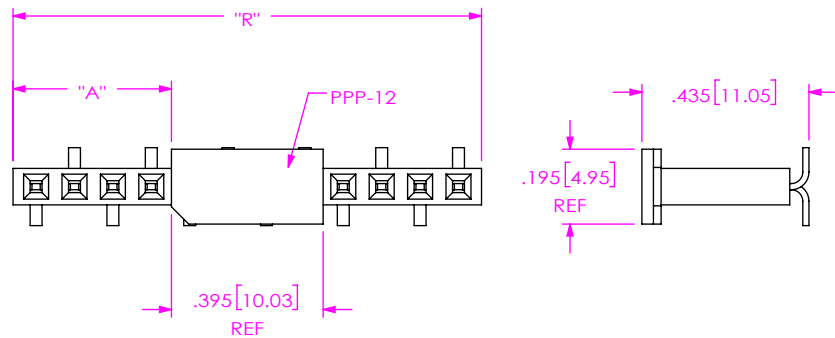


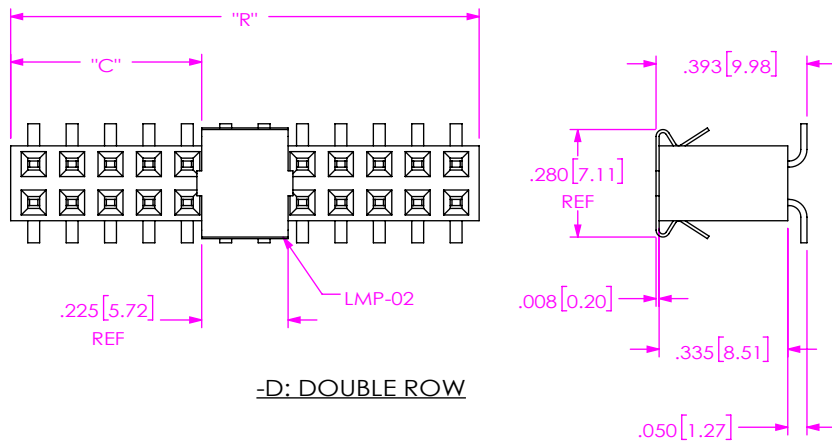
FIG 8
(POLARIZATION NOT AVAILABLE IN POSITION X & Y WITH -P OPTION)

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SHEET SCALE: 2:1		DWG. NO. SSW-1XX-22-XXX-X-VS-XX-X-XX	
		BY: PLUMMER 01/20/97	SHEET 2 OF 4



-S: SINGLE ROW
(SEE NOTE 11)

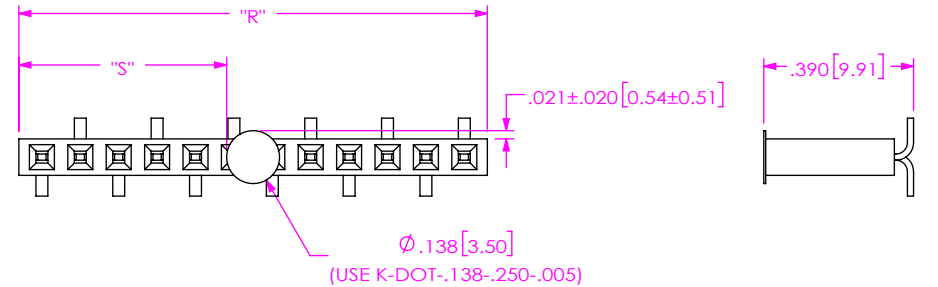
FOR ODD: "A" = ("R"/2) -.2475 [6.287] ± .020 [.51]
FOR EVEN: "A" = ("R"/2) -.1975 [5.027] ± .020 [.51]



-D: DOUBLE ROW

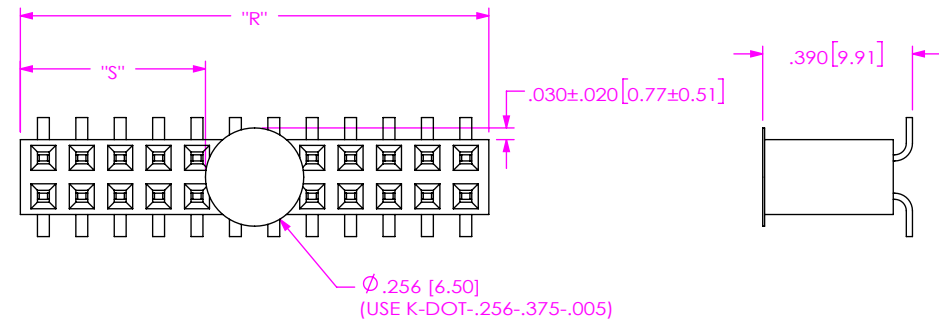
"C" = ("R"/2) -.1125 [2.858] ± .020 [.51]

FIG. 5
-P: PICK & PLACE PAD OPTION



-S: SINGLE ROW

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

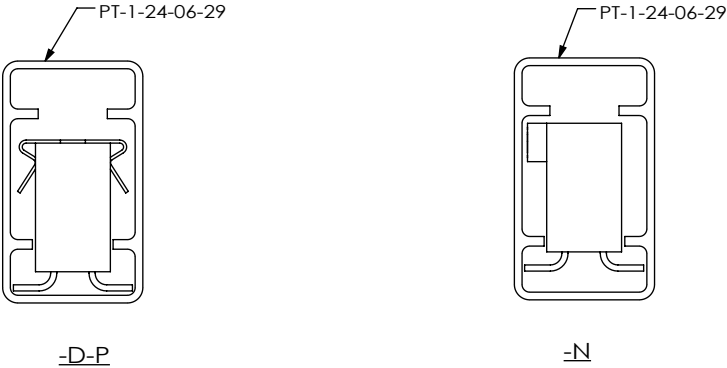
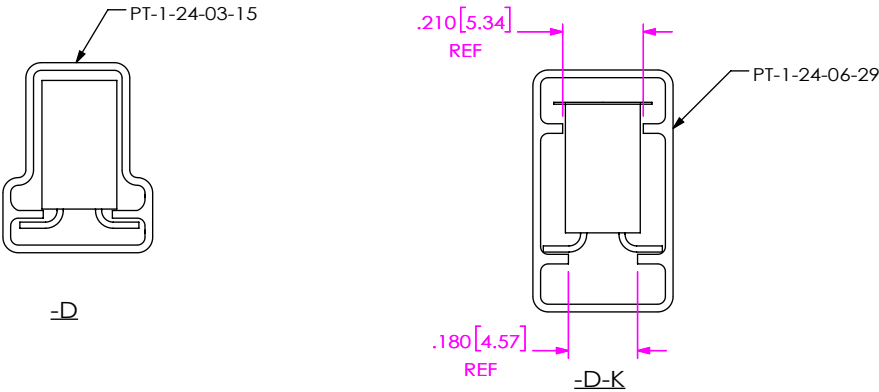
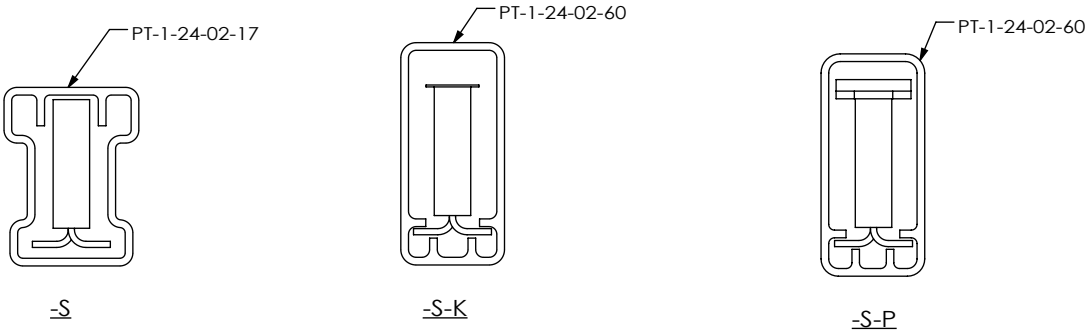


-D: DOUBLE ROW

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

FIG. 6
-K: PAD OPTION

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SHEET SCALE: 2:1		DWG. NO. SSW-1XX-22-XXX-X-VS-XX-X-XX	
BY: PLUMMER 01/20/97		SHEET 3 OF 4	



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

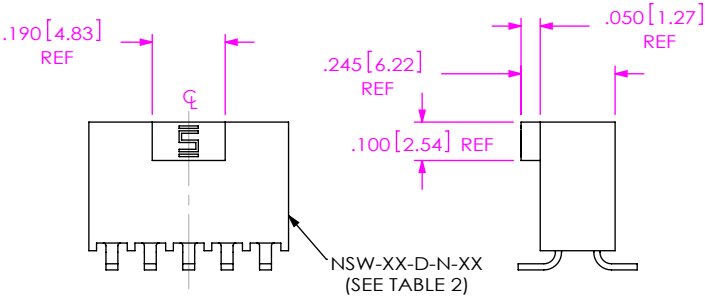


FIG 7
NOTCH OPTION
DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1

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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

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