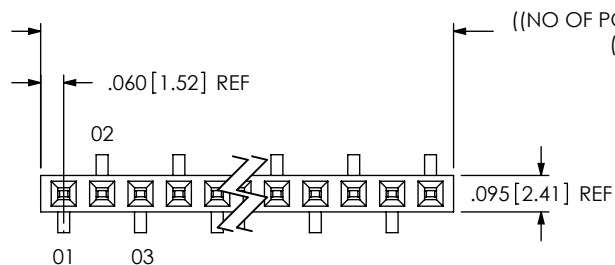
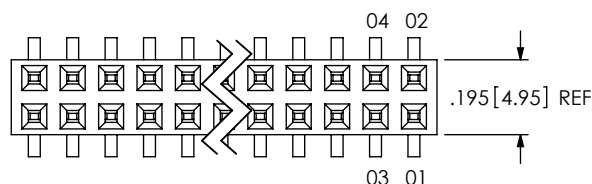


DO NOT
SCALE FROM
THIS PRINT



-S: SINGLE ROW



-D: DOUBLE ROW

FIG 1
-VS: VERTICAL SURFACE MOUNT

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

BODY SPECIFICATION

-S: SINGLE (USE SSW-XX-S, SEE FIG 1)
-D: DOUBLE (USE SSW-XX-D, SEE FIG 1)
-T: TRIPLE (USE SSW-XX-T, SEE FIG 2 & 3)

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

NO OF POSITIONS
-02 THRU -50

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

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: KAPTON PAD (3 POS MIN)
(SEE FIG 6, SHT 3)

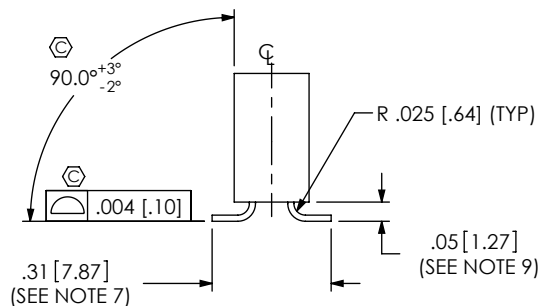
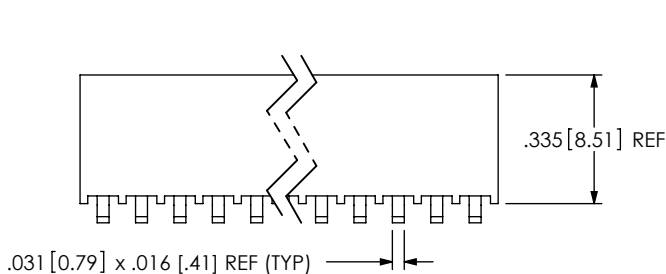
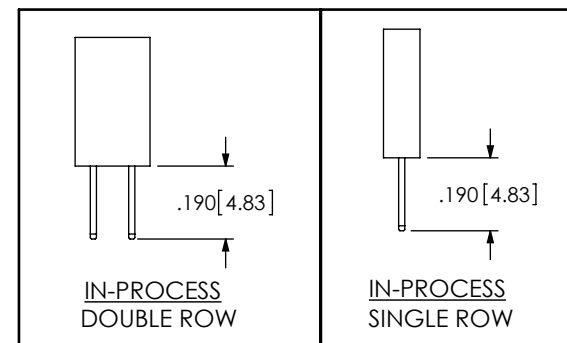
-N: NOTCH (SEE FIG 7, SHT 4, POSITIONS 05, 07, 08, 10, 12, 13, 15, 17, 20, 25, 32, 36 ONLY)
(ONLY AVAILABLE IN -D ROW, -VS OPTION)
(USE NSW-XX-D-N-XX BODY, SEE TABLE 2)

POLARIZING OPTION

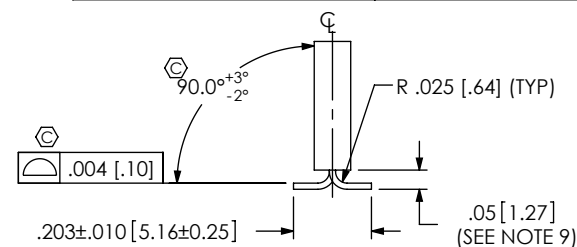
INDICATE POS (SEE FIG 4, SHT 2)

OPTION

-VS: VERTICAL SURFACE MOUNT (SEE FIG 1)



-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	ANGLES
.XX: ±.01 [.3]	2°
.XXX: ±.005 [.13]	
.XXXX: ±.0020 [.051]	

PROPRIETARY NOTE

THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC, INC. AND SHALL NOT BE REPRODUCED
OR TRANSFERRED TO OTHER DOCUMENTS OR
DISCLOSED TO OTHERS OR USED FOR ANY
PURPOSE OTHER THAN THAT WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED WRITTEN
CONSENT OF SAMTEC, INC.

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

DESCRIPTION:
.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

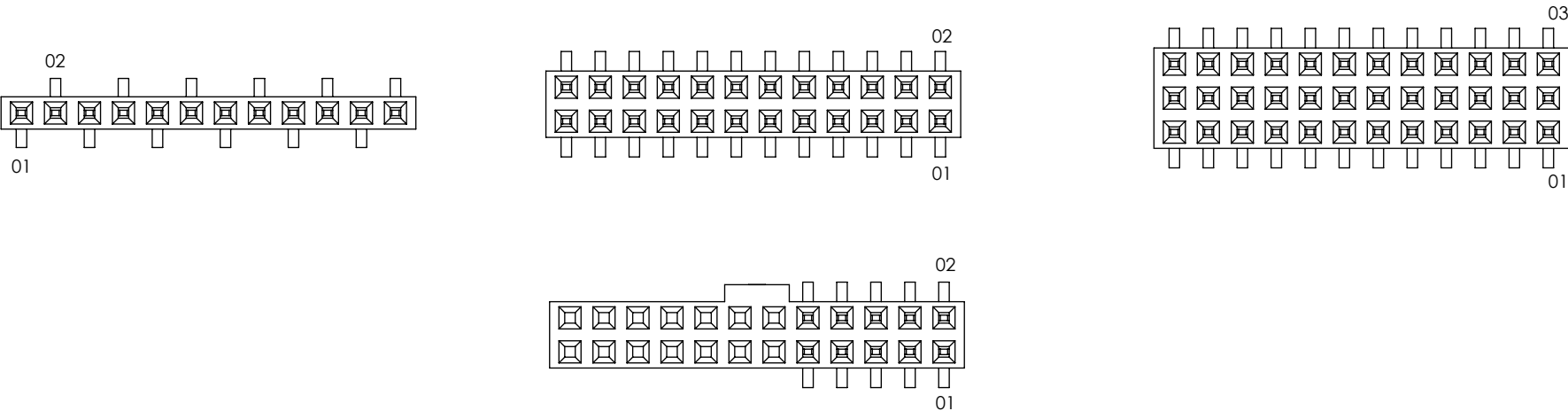
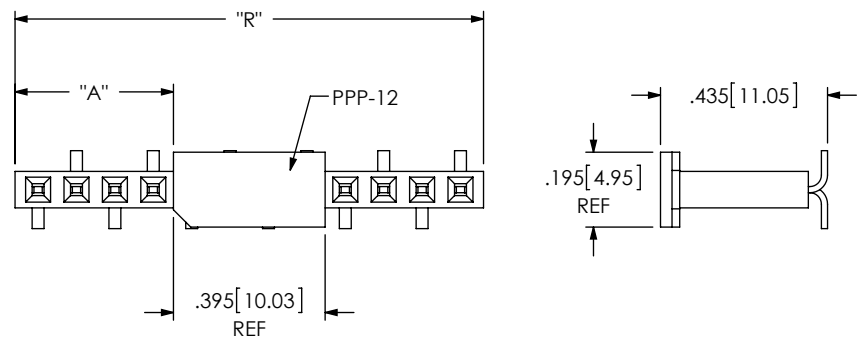


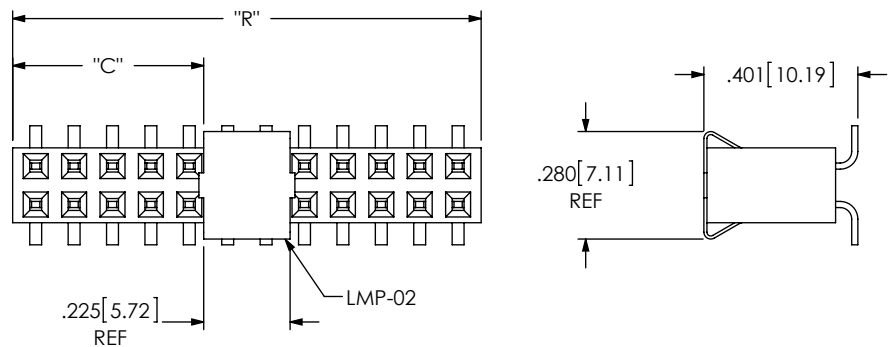
FIG 4
POLARIZATION LOCATION
INSERT PK-06-N INTO SPECIFIED POS AND BREAK OFF TAB

PROPRIETARY NOTE THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC. DO NOT SCALE DRAWING SHEET SCALE: 2:1		 520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail info@SAMTEC.com code 55322	
		DESCRIPTION: .100 [2.54] SURFACE MOUNT ASSEMBLY	
		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)

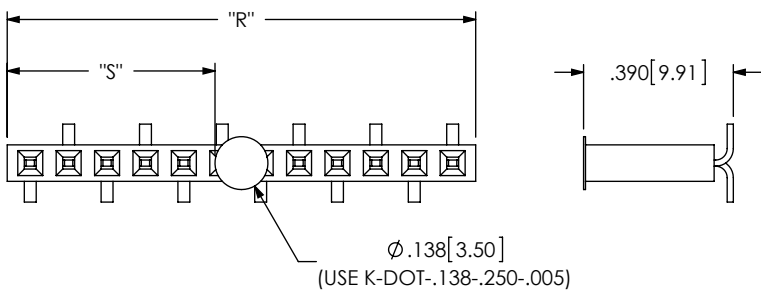
FOR ODD: "A" = ("R"/2) -.2475 [6.287] ± .020 [.51]
FOR EVEN: "A" = ("R"/2) -.1975 [5.027] ± .020 [.51]



-D: DOUBLE ROW

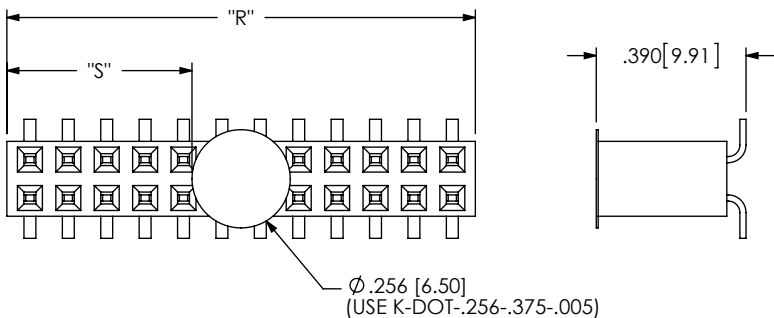
"C" = ("R"/2) -.1125 [2.858] ± .020 [.51]

FIG 5
-P: PICK & PLACE PAD OPTION



-S: SINGLE ROW

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



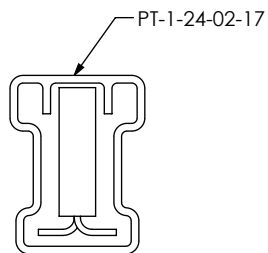
-D: DOUBLE ROW

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

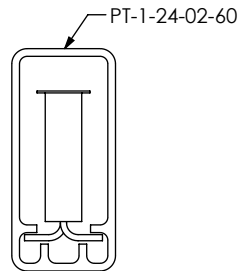
FIG 6
-K: KAPTON OPTION

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

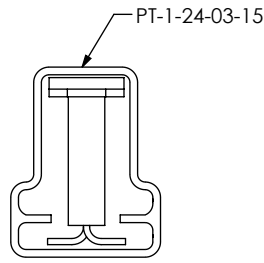
PROPRIETARY NOTE THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC. DO NOT SCALE DRAWING SHEET SCALE: 2:1	 520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail: info@SAMTEC.com code 55322	
	DESCRIPTION:	.100 [2.54] SURFACE MOUNT ASSEMBLY
	DWG. NO.	SSW-1XX-22-XXX-X-VS-XX-X-XX
	BY: PLUMMER 01/20/97	SHEET 3 OF 4



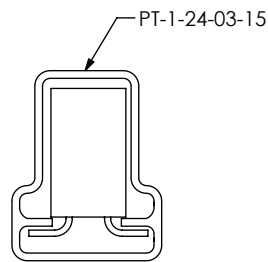
-S



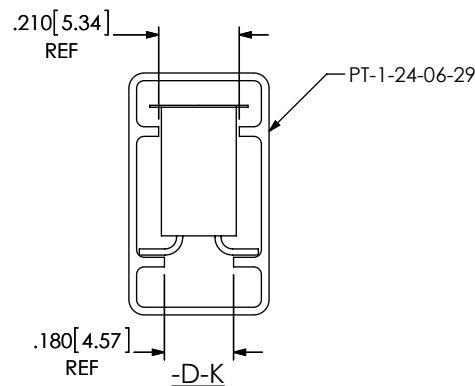
-S-K



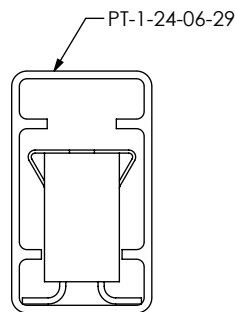
-S-P



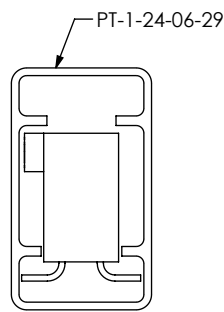
-D



-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-1-24-03-15	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

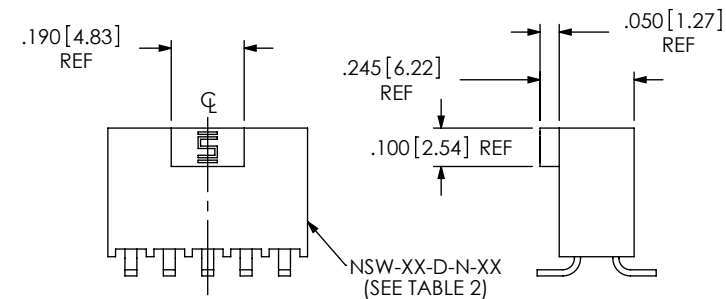


FIG 7
NOTCH OPTION
DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1

PROPRIETARY NOTE

THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC, INC. AND SHALL NOT BE REPRODUCED
OR TRANSFERRED TO OTHER DOCUMENTS OR
DISCLOSED TO OTHERS OR USED FOR ANY
PURPOSE OTHER THAN THAT WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED WRITTEN
CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING

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:
.100 [2.54] SURFACE MOUNT ASSEMBLY

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

BY: PLUMMER 01/20/97

SHEET 4 OF 4