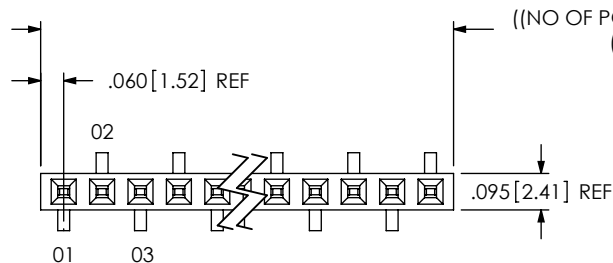
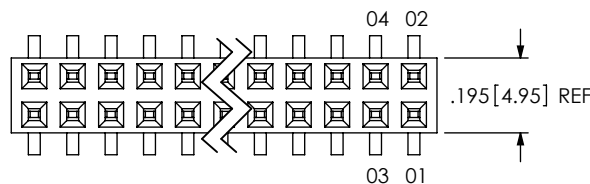


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THIS PRINT

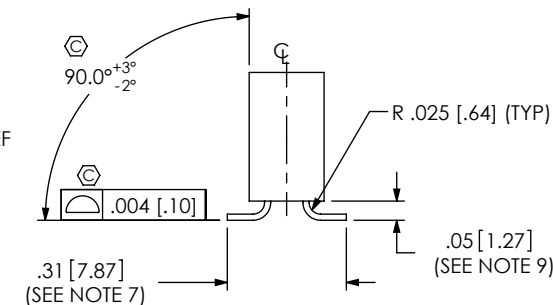
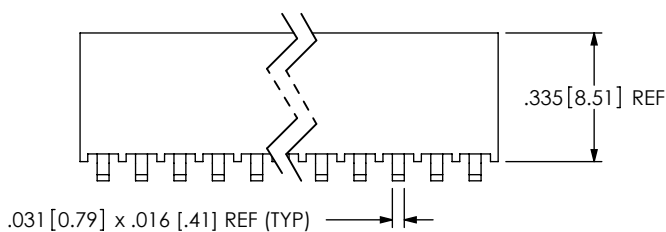


-S: SINGLE ROW

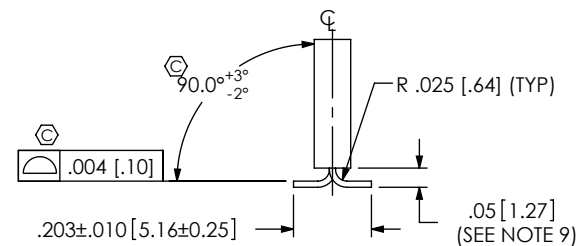


-D: DOUBLE ROW

FIG 1  
-VS: VERTICAL SURFACE MOUNT



-D: DOUBLE ROW



-S: SINGLE ROW

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

No OF POSITIONS  
-02 THRU -50

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

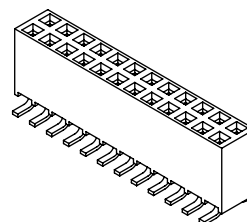
AS PLATING SPECIFICATIONS

- 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 ON CONTACT, 3μ" Au / 50μ" Ni MIN ON 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)

\* = NOT ENGINEERING APPROVED



OPTION

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

OPTION

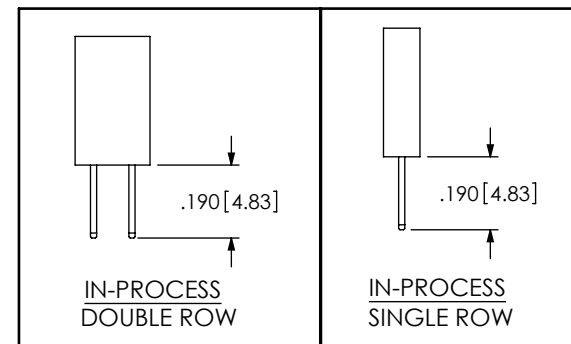
- P: PICK AND PLACE (5 POS MIN) (SEE FIG 5, SHT 3) (USE LMP-02 FOR -D OPTION) (USE PPP-12 FOR -S OPTION) (OPTIONS N/A FOR -TV OR -TM)
- K: KAPTON PAD (3 POS MIN) (SEE FIG 6, SHT 3)
- N: NOTCH (SEE FIG 7, SHT 4, POSITIONS 05, 07, 08, 10, 12, 13, 15, 17, 20, 25, 32, 36 ONLY) (ONLY AVAILABLE IN -D ROW, -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)
- \* -TV: TRIPLE VERTICAL MOUNT (SEE FIG 2)
- \* -TM: TRIPLE MIXED MOUNT (SEE FIG 3)



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]	

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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-XX-XX-X-XX-MKT.SLDDRW

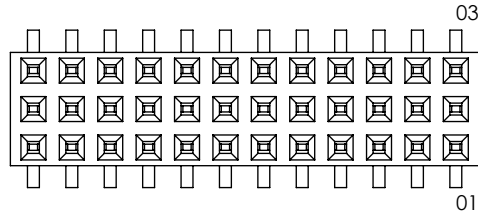
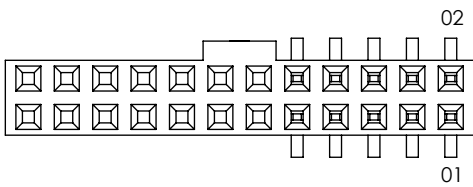
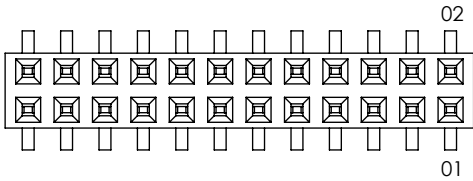
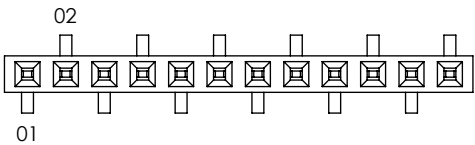
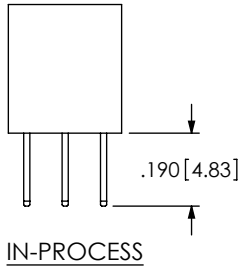
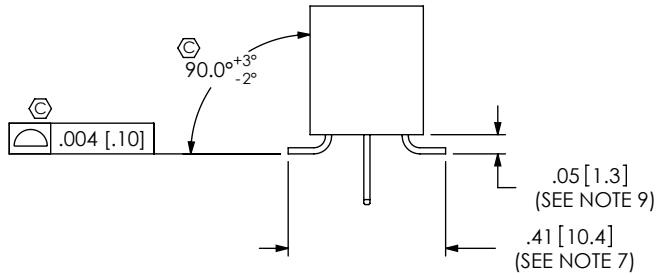
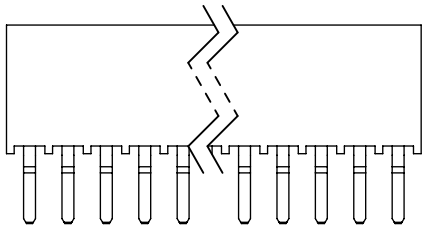
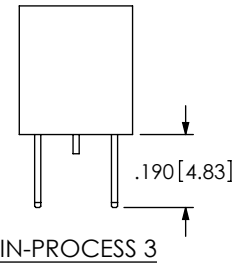
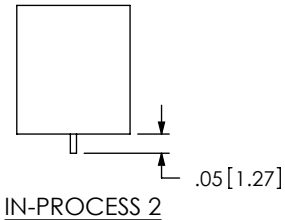
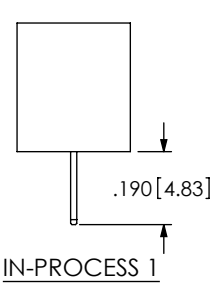
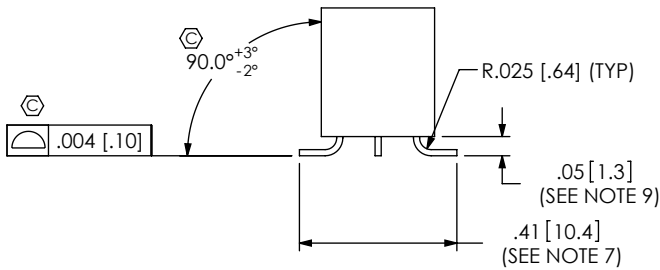
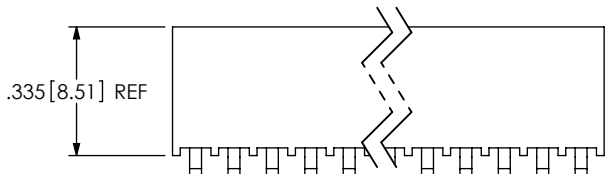
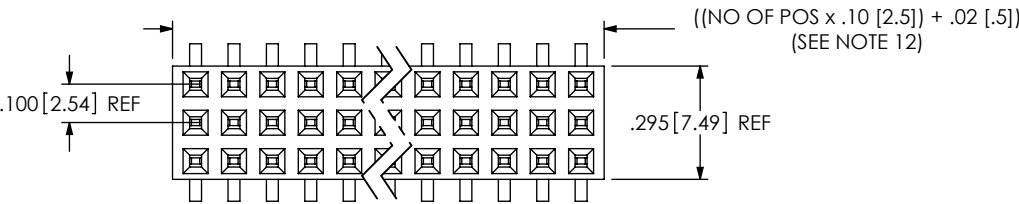
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e-Mail: info@SAMTEC.com code 55322

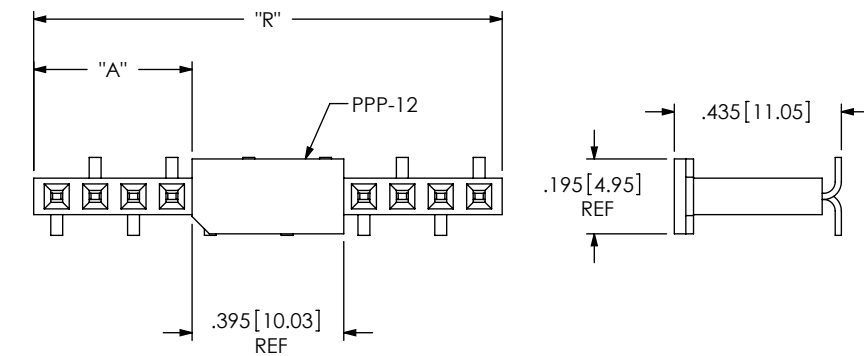
DESCRIPTION:  
.100 [2.54] SURFACE MOUNT ASSEMBLY

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

BY: PLUMMER 01/20/97 SHEET 1 OF 4



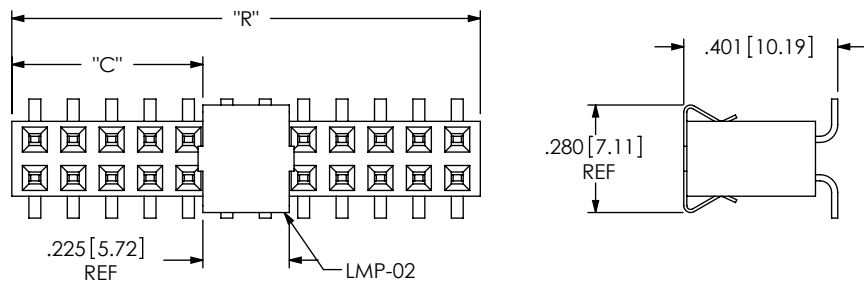
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SHEET SCALE: 2:1	
<b>DESCRIPTION:</b> .100 [2.54] SURFACE MOUNT ASSEMBLY	
<b>DWG. NO.</b> SSW-1XX-22-XXX-X-XX-XX-X-XX	
<b>BY:</b> PLUMMER 01/20/97	<b>SHEET 2 OF 4</b>



-S: SINGLE ROW

(SEE NOTE 11)

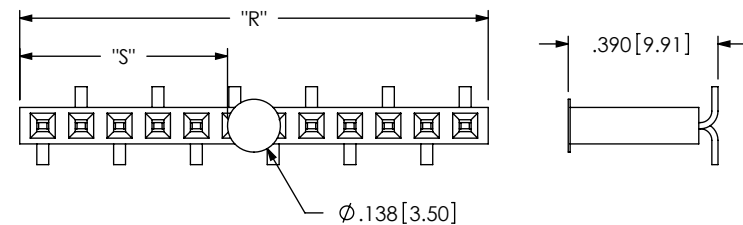
FOR ODD: "A" = ("R"/2) - .2475 [6.287] ± .020 [.51]  
FOR EVEN: "A" = ("R"/2) - .1975 [5.027] ± .020 [.51]



-D: DOUBLE ROW

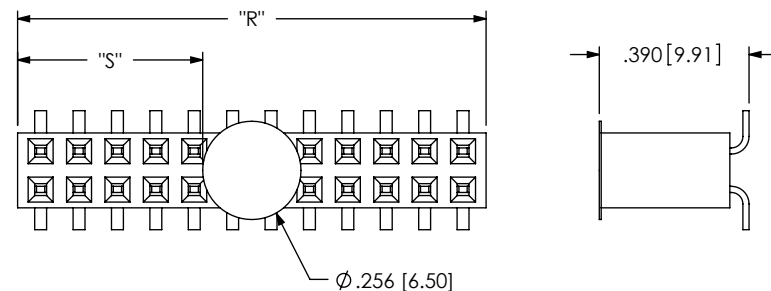
"C" = ("R"/2) - .1125 [2.858] ± .020 [.51]

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

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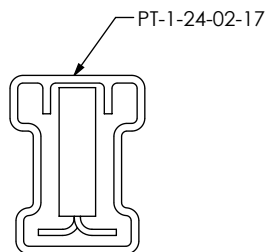
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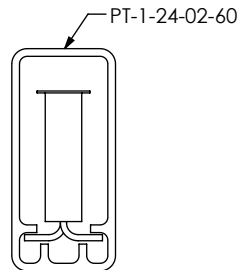
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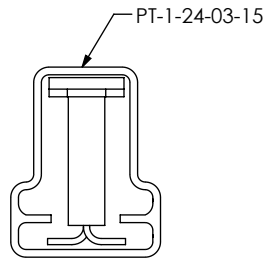
SHEET 3 OF 4



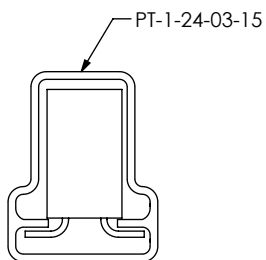
-S



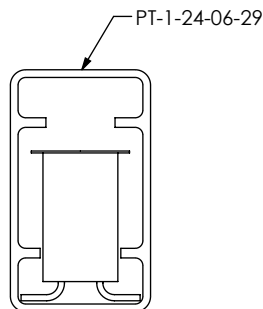
-S-K



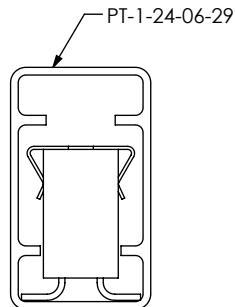
-S-P



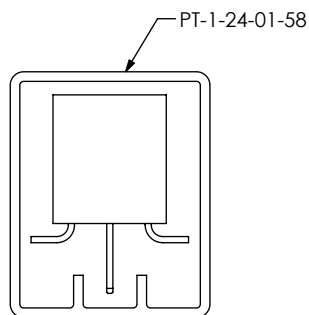
-D



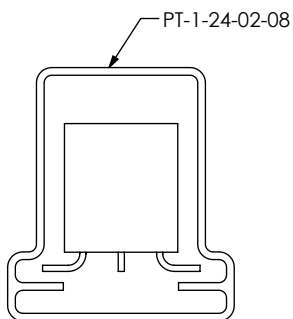
-D-K



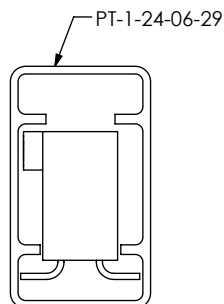
-D-P



-TM



-TV



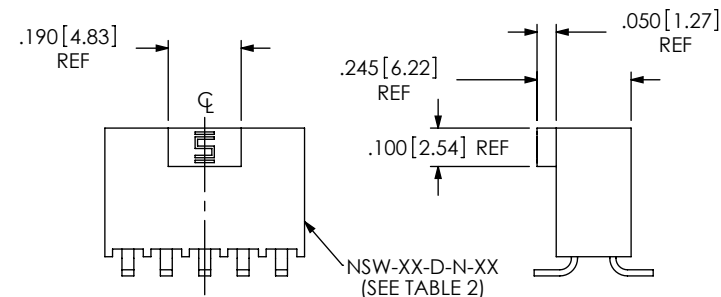
-N

**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
-TV	PT-1-24-02-08	TP-13
-TM	PT-1-24-01-58	TP-13
-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

## PACKAGING VIEWS

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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