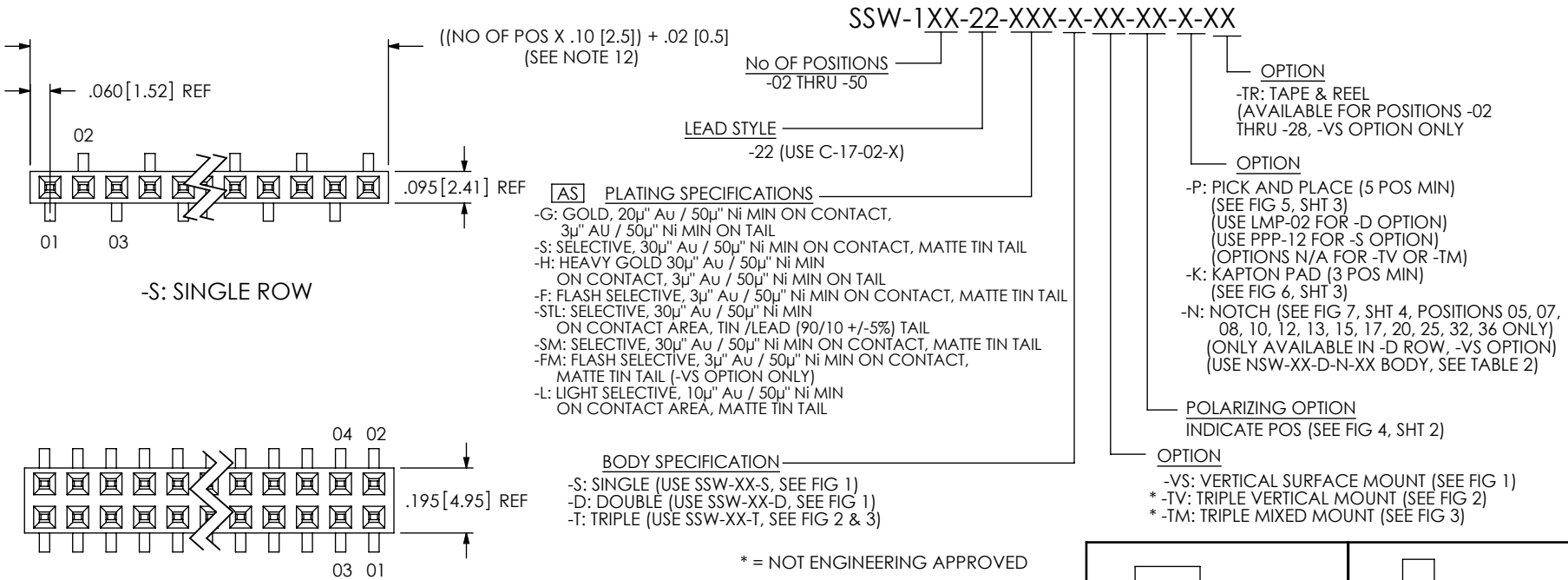


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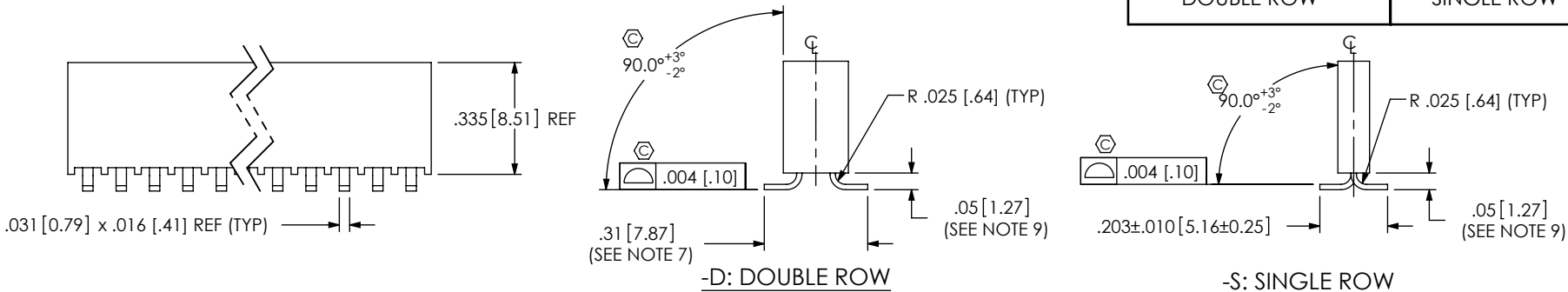
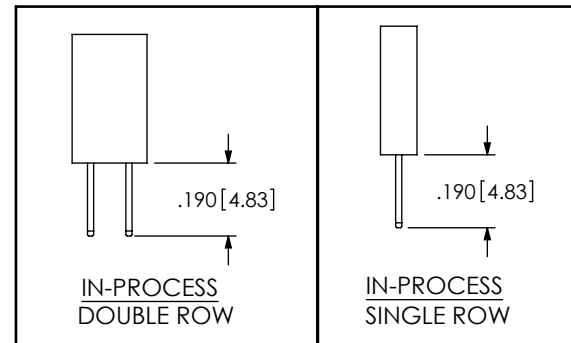


-S: SINGLE ROW

-D: DOUBLE ROW

FIG 1

-VS: VERTICAL SURFACE MOUNT



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

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

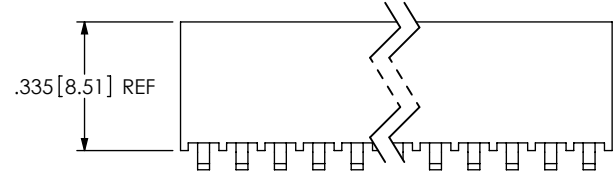
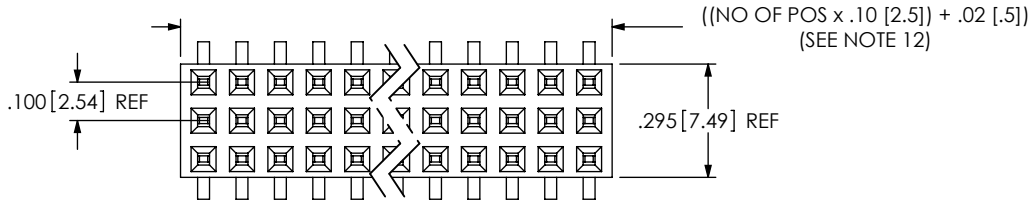


FIG 2
-TV OPTION
NOT ENGINEERING APPROVED

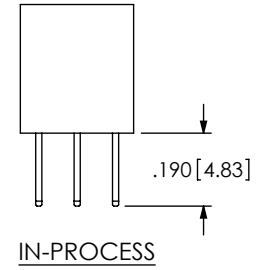
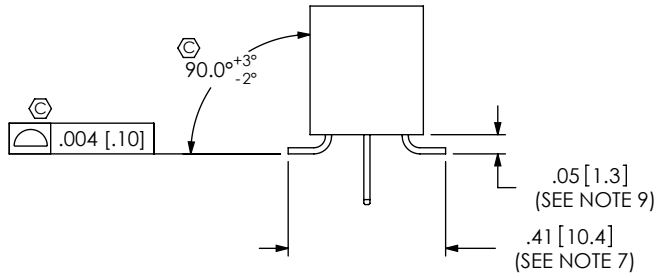
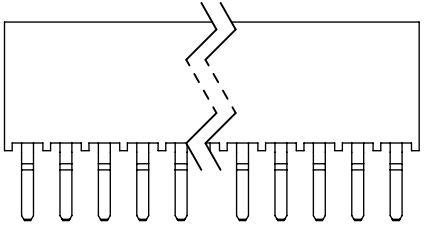
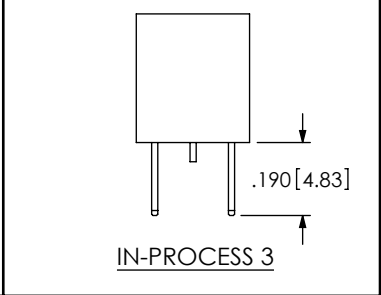
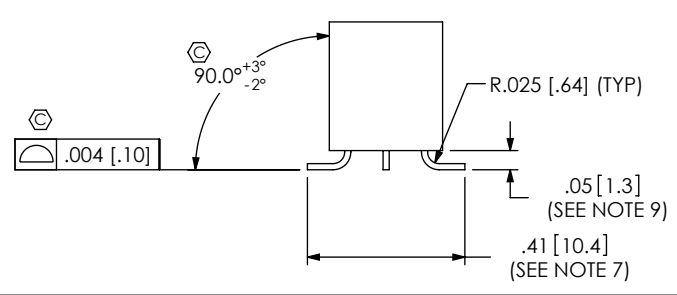
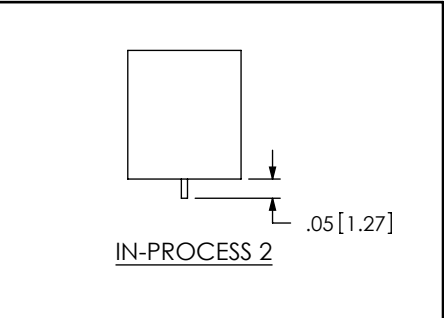
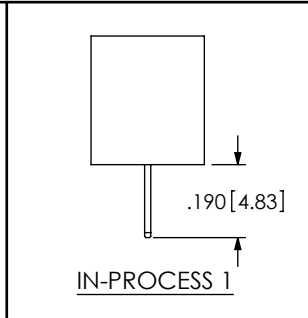


FIG 3
-TM OPTION
DIFFERENT AS SHOWN, OTHERWISE SAME AS -TV
NOT ENGINEERING APPROVED

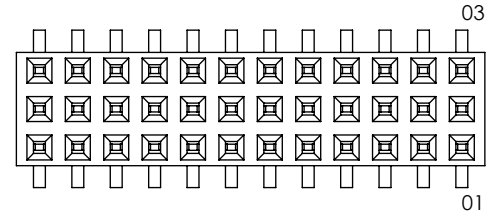
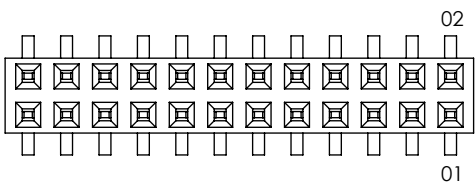
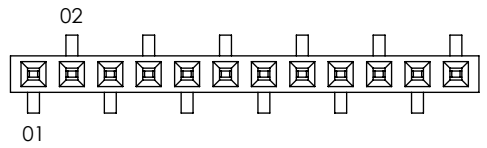
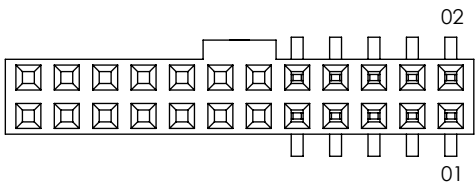


FIG 4
POLARIZATION LOCATION
INSERT PK-06-N INTO SPECIFIED POS AND BREAK OFF TAB



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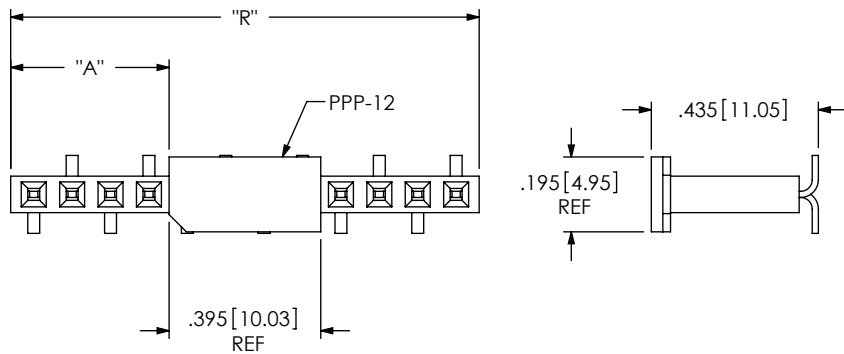
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.100 [2.54] SURFACE MOUNT ASSEMBLY

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

BY: PLUMMER 01/20/97

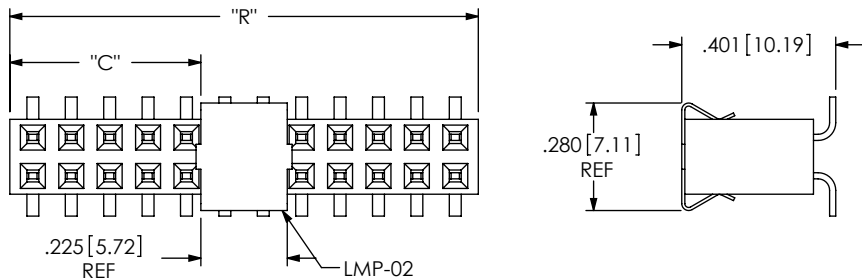
SHEET 2 OF 4



-S: SINGLE ROW

(SEE NOTE 11)

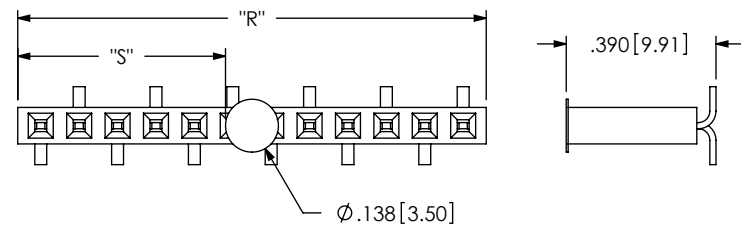
FOR ODD: "A" = ("R"/2) - .2475 [6.287] ± .020 [.51]
 FOR EVEN: "A" = ("R"/2) - .1975 [5.027] ± .020 [.51]



-D: DOUBLE ROW

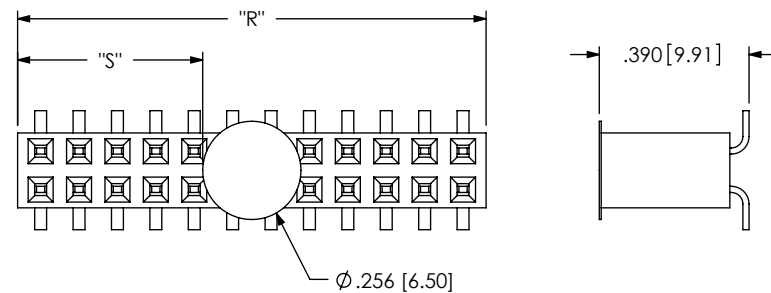
"C" = ("R"/2) - .1125 [2.858] ± .020 [.51]

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

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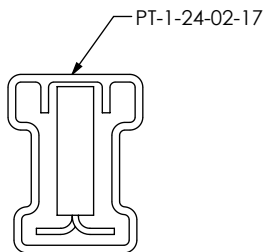
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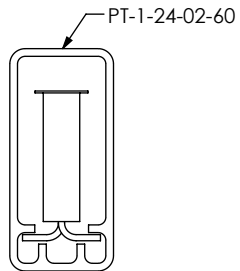
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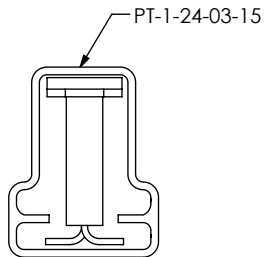
SHEET 3 OF 4



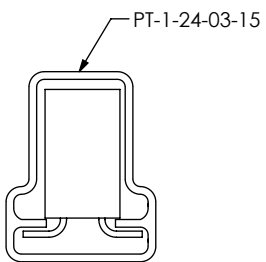
-S



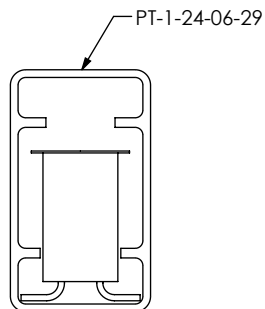
-S-K



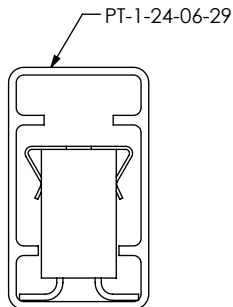
-S-P



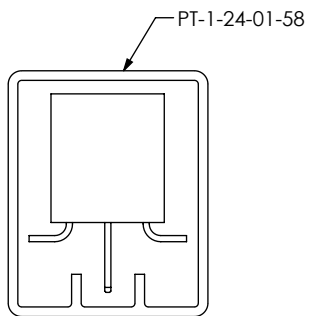
-D



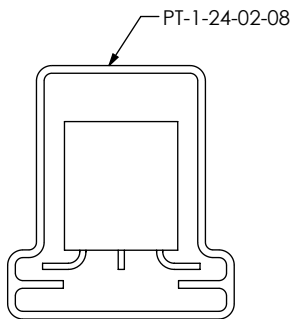
-D-K



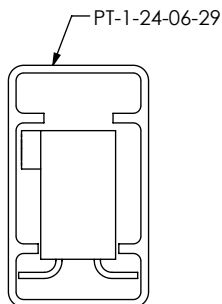
-D-P



-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

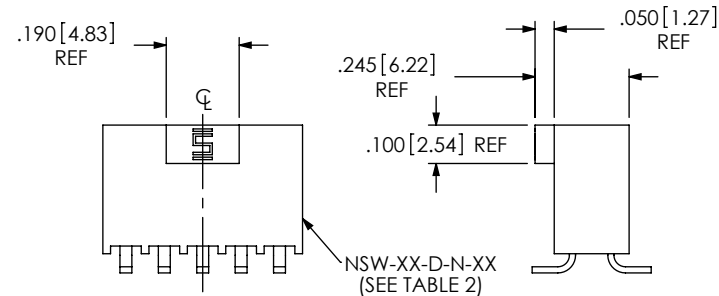


FIG 7
NOTCH OPTION
DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1

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