

TABLE 1	
LEAD STYLE	CONTACT
-02	C-8-03-XXX
-22	C-17-03-XXX

DO NOT
SCALE FROM
THIS PRINT

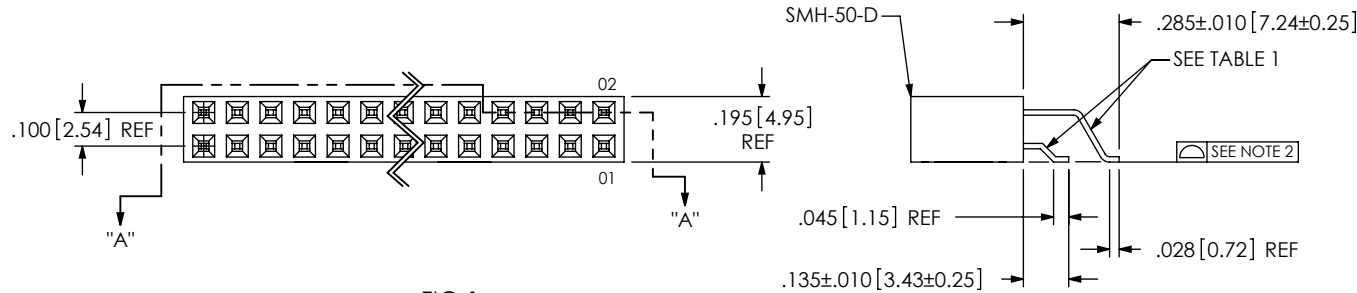
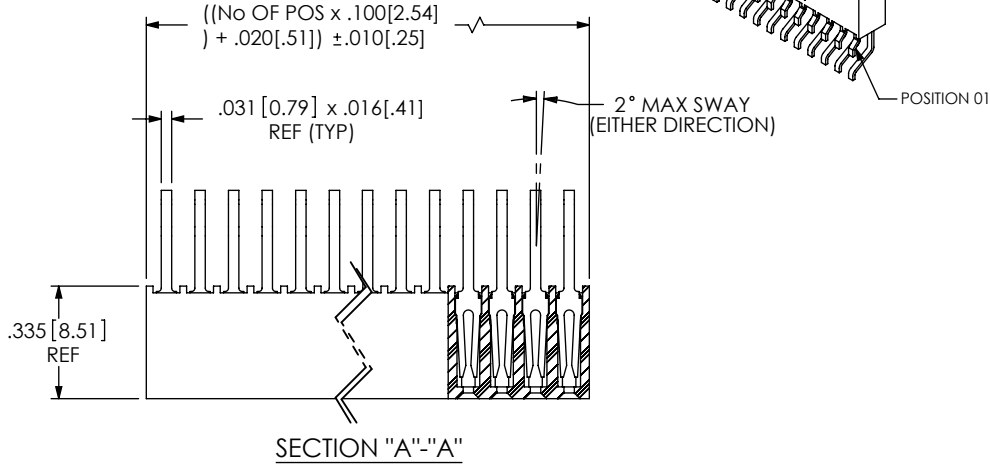


FIG 1
SMH-120-XX-XX-D SHOWN
SEE SHEET 2 FOR IN-PROCESS VIEWS

SMH-1XX-XX-XX-X-XX

NO. OF POSITIONS

-02 THRU -36
(PER ROW)

LEAD STYLE

-02: SURFACE MOUNT
(USE C-8-03-X)
-22: LOW INSERTION FORCE
(USE C-17-03-X)

PLATING

-G: 20μ" OVER IN CONTACT AREA, FLASH GOLD ON TAIL
-T: TIN OVER, MATTE TIN ON TAIL
-S: 30μ" OVER IN CONTACT AREA, MATTE TIN ON TAIL
-F: 3μ" OVER IN CONTACT AREA, MATTE TIN ON TAIL
-H: 30μ" OVER IN CONTACT AREA, FLASH GOLD ON TAIL
-L: 10μ" OVER IN CONTACT AREA, MATTE TIN ON TAIL
-TM: TIN OVER, MATTE TIN ON TAIL
-SM: 30μ" OVER IN CONTACT AREA, MATTE TIN ON TAIL
-FM: 3μ" OVER IN CONTACT AREA, MATTE TIN ON TAIL

OPTIONS

-XX: INDICATES POSITION
POLARIZED (USE PK-06-N)
-TR: TAPE & REEL PACKAGING
(2 - 29 POSITIONS ONLY)

ROW SPECIFICATION

-D: DOUBLE ROW (USE SMH-50-D)
(SEE FIG 1)
-S: SINGLE ROW (USE SSW-50-S)
(SEE FIG 2, SHT 2)

NOTES:

1. REPRESENTS A CRITICAL DIMENSION.
2. COPLANARITY: POSITIONS 02-24= .006[.15], POSITIONS 25-36= .008[.20].
3. BURR ALLOWANCE: .003[.08] MAX.
4. ONE POSITION WILL BE LOST FOR EVERY CUT MADE ON A SOCKET STRIP: CUT FLASH TO BE .010[.25] MAX WITH NO FLASH ALLOWED IN HOLES OR EXTENDING BELOW LEADS
5. MINIMUM PUSHOUT FORCE: 1.5 LB.
6. MAXIMUM ALLOWABLE BOW: .003[.08] INCH/INCH AFTER ASSEMBLY.
7. ENDWALLS AFTER CUTTING: .045 +/- .003.
8. SHEAR TAILS TO DIMENSION SHOWN.
9. CONTACT TAILS TO BE FLUSH TO .003[.08] ABOVE OR BELOW A DATUM LINE MADE BY THE INSULATOR. (-DH ONLY)
10. NOTE DELETED.
11. POSITIONS 4 OR LESS SHOULD BE LAYER PACKAGED UNLESS OTHERWISE NOTED IN THE PART CALLOUT.
12. NOTE DELETED.

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: LCP, UL 94 VO, COLOR: BLACK
CONTACT: PHOSPHOR BRONZE

F:\DWG\MISC\MKTG\SMH-1XX-XX-XX-X-MKT.SLDDRW

samtec

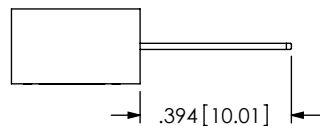
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
.100 [2.54] HORIZONTAL SMT SOCKET ASSEMBLY

DWG. NO. **SMH-1XX-XX-XX-X-XX**

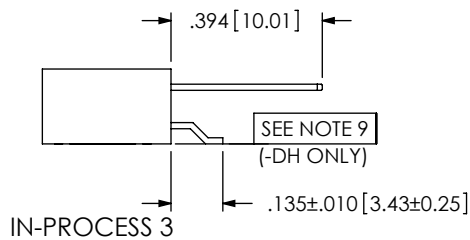
BY: BRATCHER 2/5/99

SHEET 1 OF 3

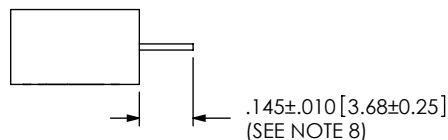
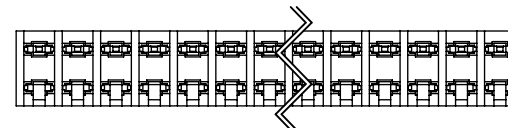


IN-PROCESS 1

MUST FILL WITH DIE SIDE OF PIN FACING DOWN, PINS ARE STAMPED WITH A SQUARE INDICATOR MARK ON DIE SIDE

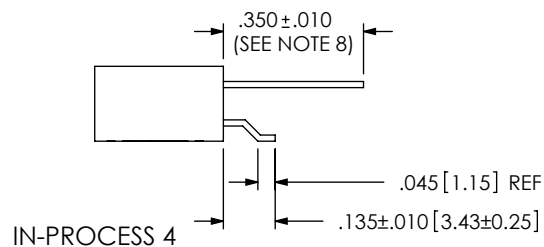


IN-PROCESS 3

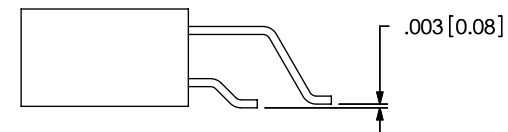
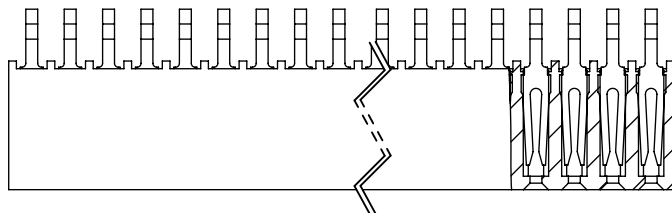


IN-PROCESS 2

MUST FILL WITH DIE SIDE OF PIN FACING DOWN, PINS ARE STAMPED WITH A SQUARE INDICATOR MARK ON DIE SIDE



IN-PROCESS 4



IN-PROCESS 5
TAILS MUST BE WITHIN +/- .003 WITH RESPECT TO EACH OTHER.

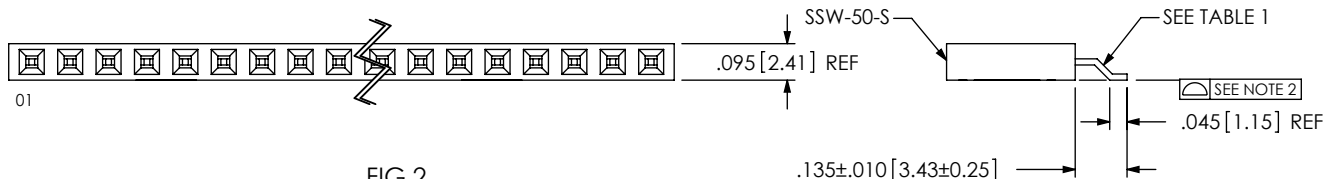
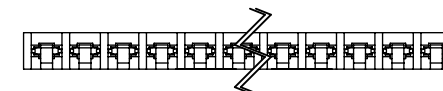
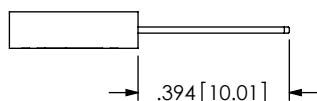


FIG 2
SMH-120-XX-XX-S SHOWN
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

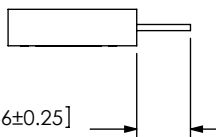


F:\DWG\MISC\MKTG\SMH-1XX-XX-XX-MKT.SLDDRW



IN-PROCESS 1

.140±.010 [3.56±0.25]
(SEE NOTE 8)



IN-PROCESS 2

CPC FREQUENCY THIS SHEET	
A	
B	C9
C	
D	

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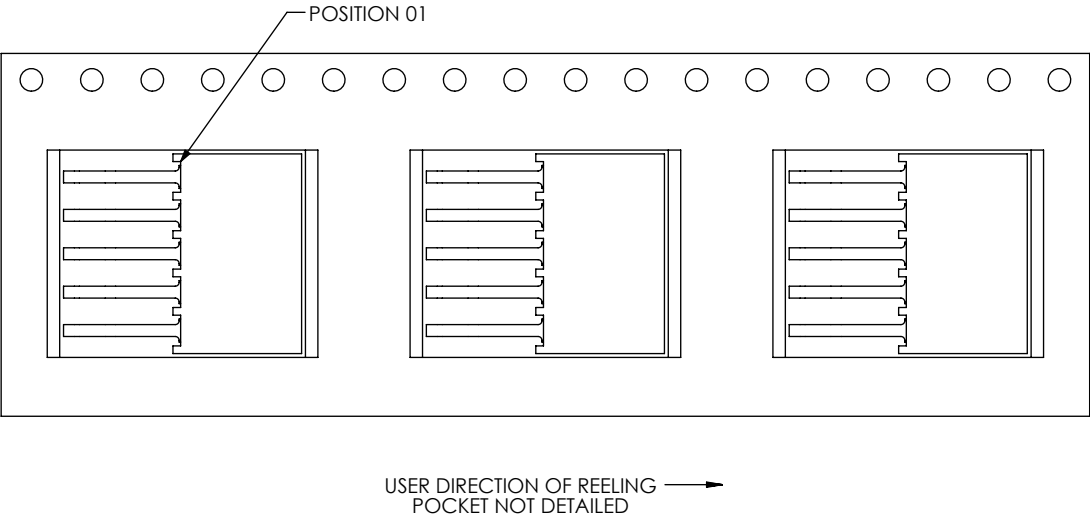
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520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

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DWG. NO.
SMH-1XX-XX-XX-X-XX

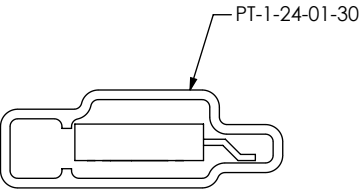
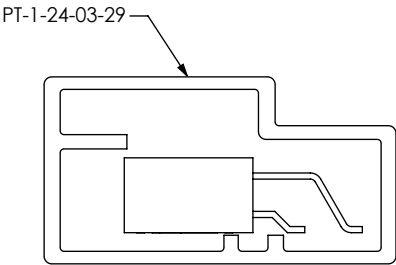
BY: BRATCHER 2/5/99 SHEET 2 OF 3



-TR PACKAGING VIEW

ALL POCKETS DESIGNED PRIOR TO REVISION T, PART ORIENTATION SHOULD FOLLOW EXISTING POCKET DESIGN.
AFTER REVISION T, ALL POCKETS ARE TO FOLLOW STANDARD ORIENTATION:
PIN #1 CLOSEST TO THE ROUND SPROCKET HOLES.

TUBE PACKAGING



SEE NOTE 11

TABLE 2		
ROW	TUBE	PLUG
-S	PT-1-24-01-30	TP-07
-D	PT-1-24-03-29	TP-07

CPC FREQUENCY THIS SHEET	
A	
B	
C	
D	

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SHEET 3 OF 3