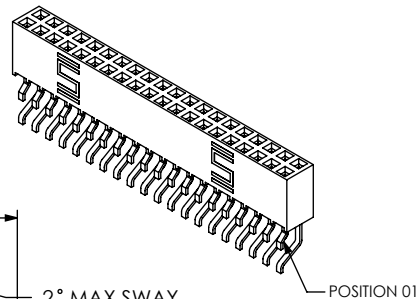


TABLE 1	
LEAD STYLE	CONTACT
-02	C-8-03-XXX
-22	C-17-03-XXX



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)

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)

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

DO NOT  
SCALE FROM  
THIS PRINT

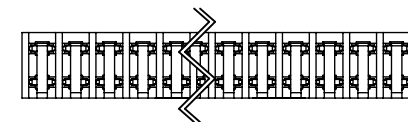
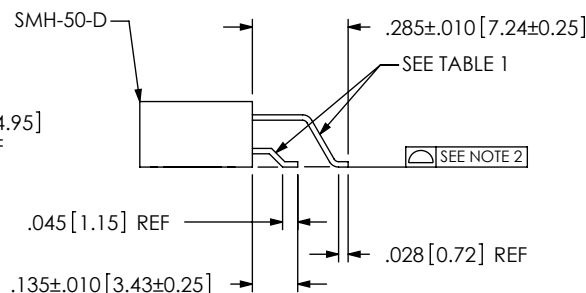
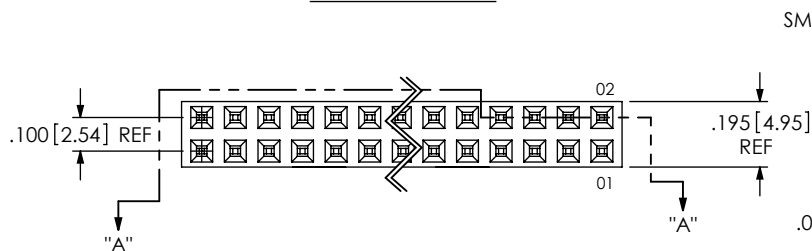
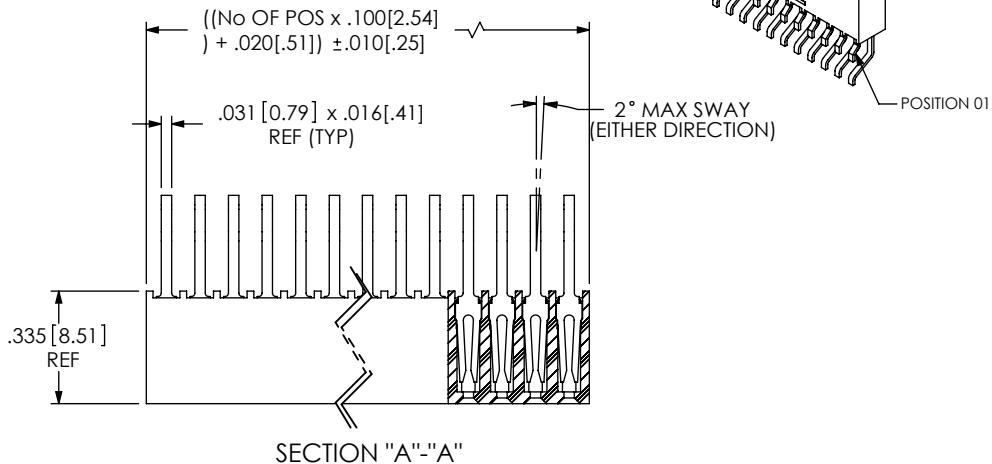


FIG 1  
SMH-120-XX-XX-D SHOWN  
SEE SHEET 2 FOR IN-PROCESS VIEWS

NOTES:

1.  $\text{C}$  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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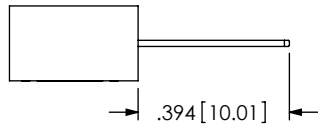
520 PARK EAST BLVD., NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code: 55322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1  
INSULATOR: LCP, UL 94 VO, COLOR: BLACK  
CONTACT: PHOSPHOR BRONZE

DESCRIPTION:  
.100 [2.54] HORIZONTAL SMT SOCKET ASSEMBLY  
DWG. NO.

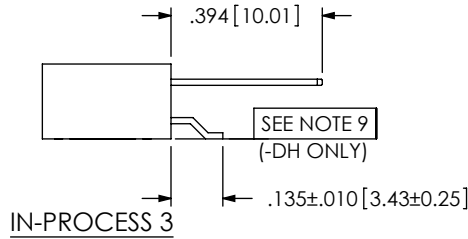
SMH-1XX-XX-XX-X-XX

BY: BRATCHER 2/5/99 SHEET 1 OF 3

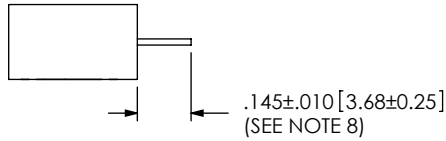
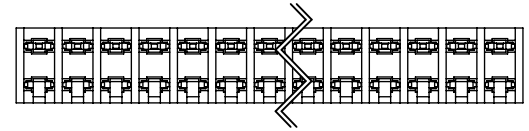


IN-PROCESS 1

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

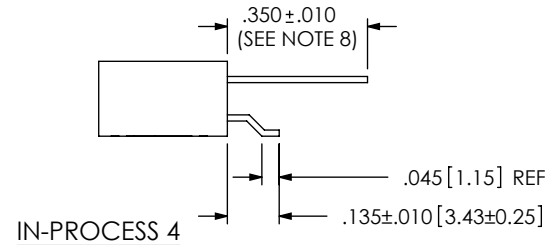


IN-PROCESS 3

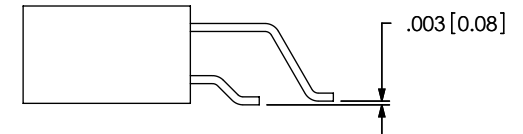
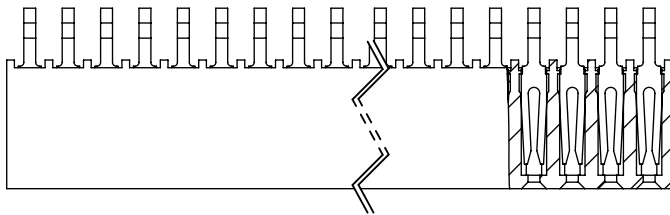


IN-PROCESS 2

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.

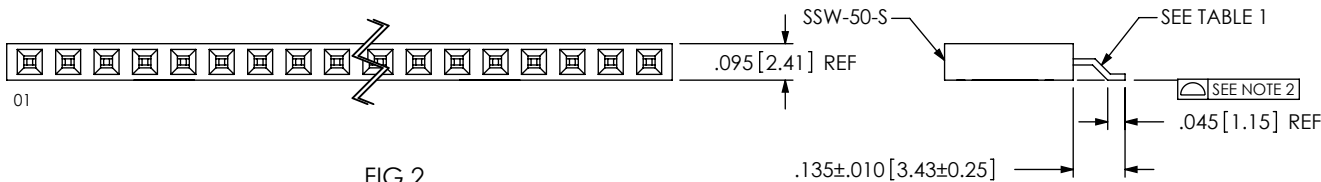
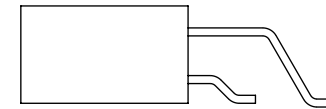
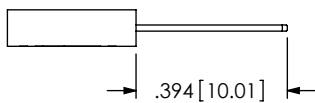
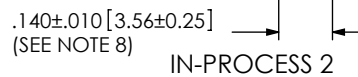


FIG 2  
SMH-120-XX-XX-S SHOWN  
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

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



IN-PROCESS 1



IN-PROCESS 2

CPC FREQUENCY THIS SHEET	
A	
B	C9
C	
D	

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SHEET SCALE: 2:1

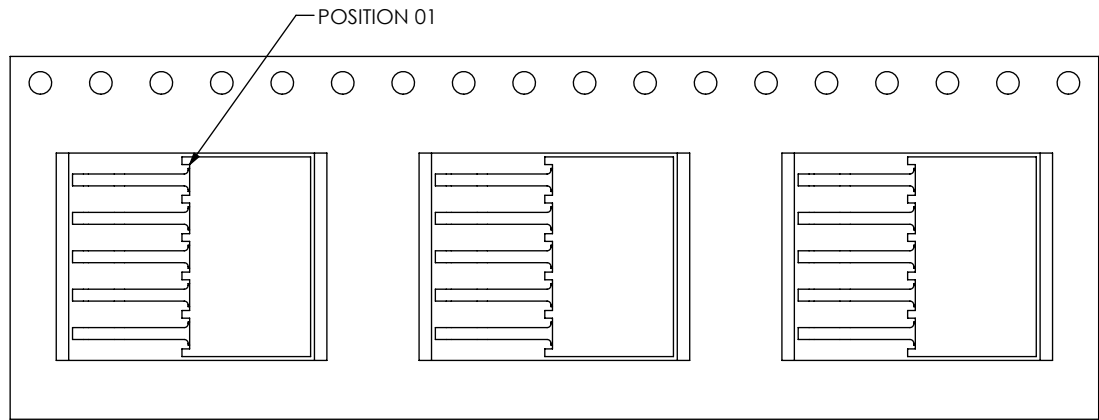
**samtec**

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] HORIZONTAL SMT SOCKET ASSEMBLY

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

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

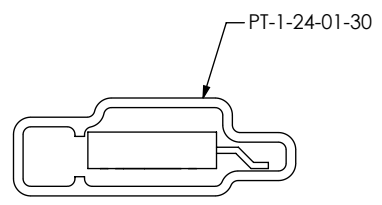
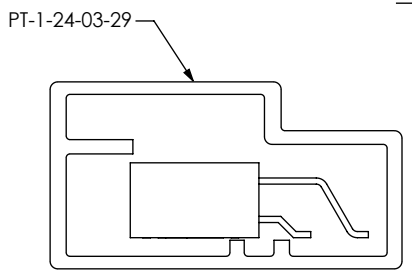


USER DIRECTION OF REELING  
POCKET NOT DETAILED

-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 SCALE: 2:1



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DESCRIPTION:  
.100 [2.54] HORIZONTAL SMT SOCKET ASSEMBLY

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

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