

DO NOT
SCALE FROM
THIS PRINT

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

Technical drawing showing a housing assembly with a ribbed base and a top plate. The top plate has a stepped profile. Annotations include:

- Top horizontal dimension: $((\text{No OF POS} \times .100[2.54]) + .020[.51]) \pm .010[.25]$
- Vertical dimension for top edge: $.031[.79] \times .016[.41]$ REF (TYP)
- Vertical dimension for bottom edge: $.335[8.51]$ REF
- Side profile dimension: 2° MAX SWAY (EITHER DIRECTION)
- Label: POSITION 0

SECTION "A"- "A"

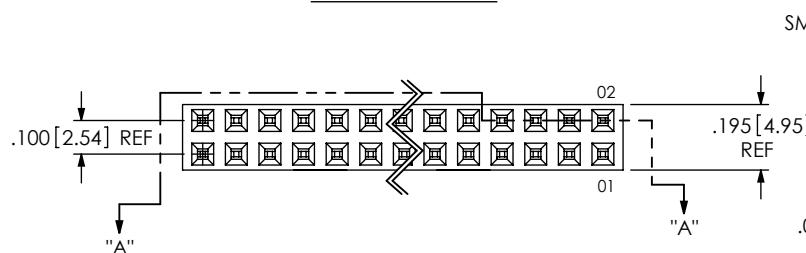
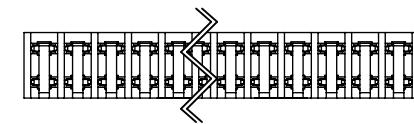
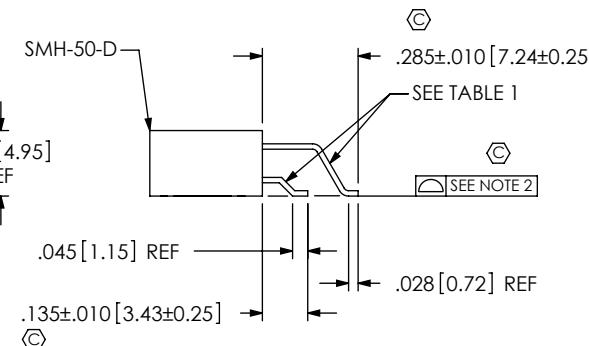


FIG 1
SMH-120-XX-XX-D SHOWN

SEE SHEET 2 FOR IN-PROCESS VIEWS



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: ± 0.1 [.3] 2°
.XXX: ± 0.005 [.13]
.XXXX: ± 0.0020 [.051]

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

E:\DWG\MISC\MKTG\SMH-1XX-XX-XX-X-XX-MKT SI DDRW

Samtec

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0 [2.54] HORIZONTAL SMT SOCKET ASSEMBLY

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

BRATCHER 2/5/99

SHEET 1 OF 3

SHEET 1 OF 3



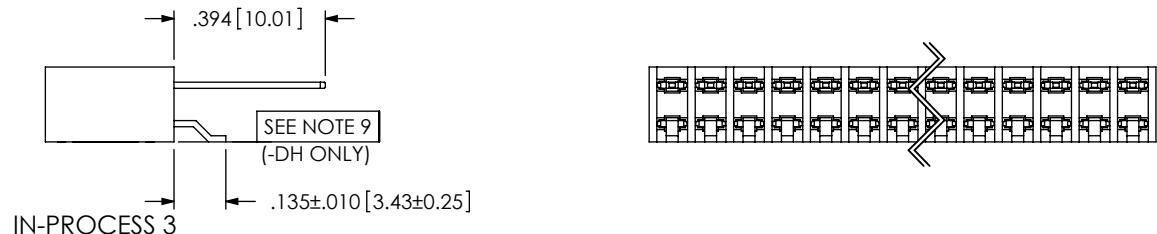
IN-PROCESS 1

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

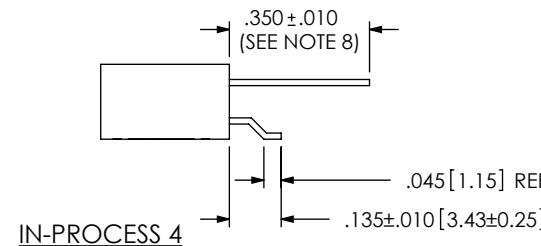


IN-PROCESS 2

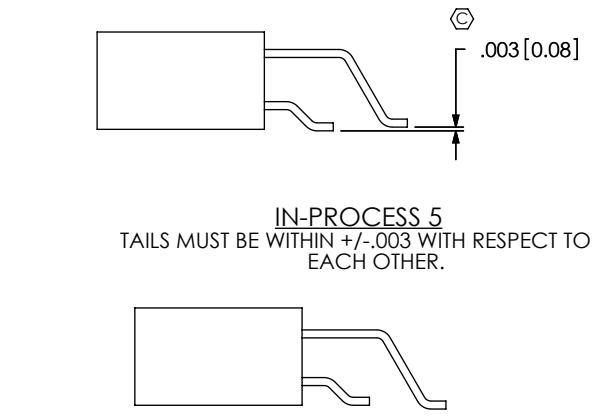
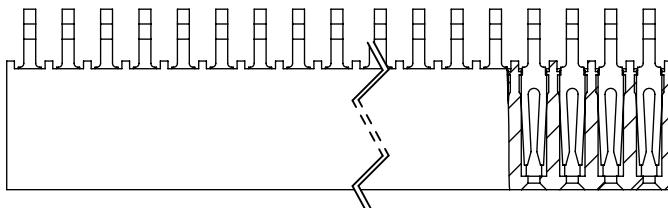
MUST FILL WITH DIE SIDE OF PIN FACING DOWN, PINS ARE STAMPED WITH A SQUARE INDICATOR MARK ON DIE SIDE



IN-PROCESS 3



IN-PROCESS 4



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

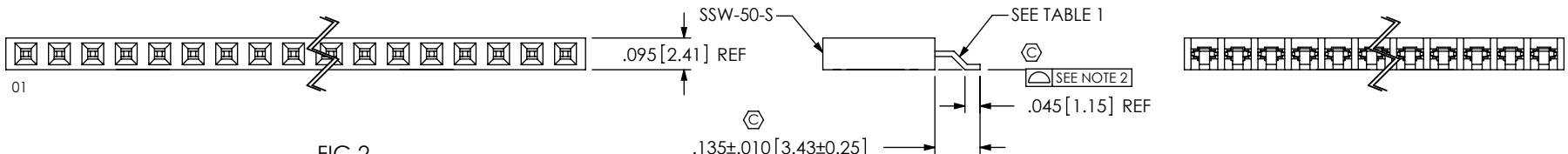
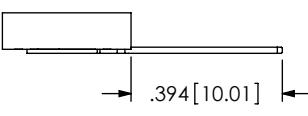
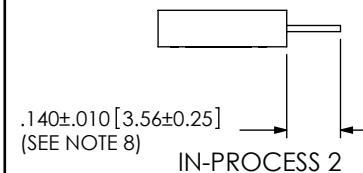


FIG 2
SMH-120-XX-XX-S SHOWN
(SAME AS FIG 1, UNLESS OTHERWISE STATED)



IN-PROCESS 1



IN-PROCESS 2

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SHEET SCALE: 2:1

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

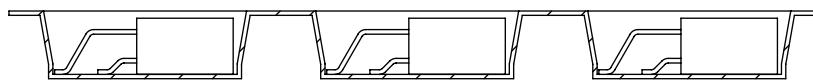
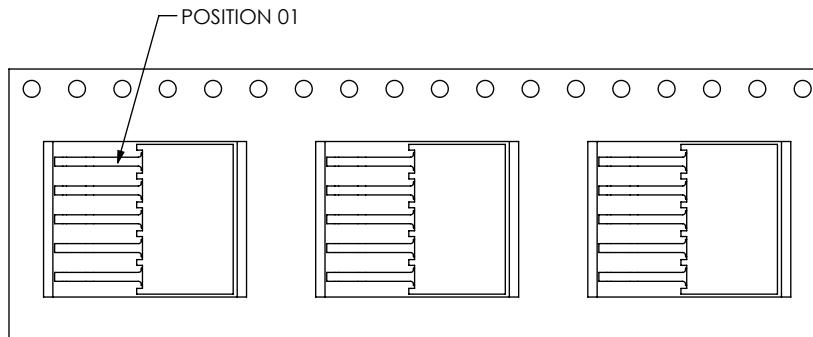
samtec

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e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION: .100 [2.54] HORIZONTAL SMT SOCKET ASSEMBLY

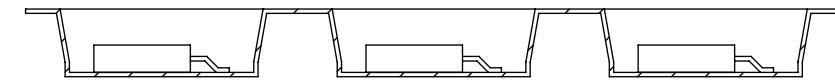
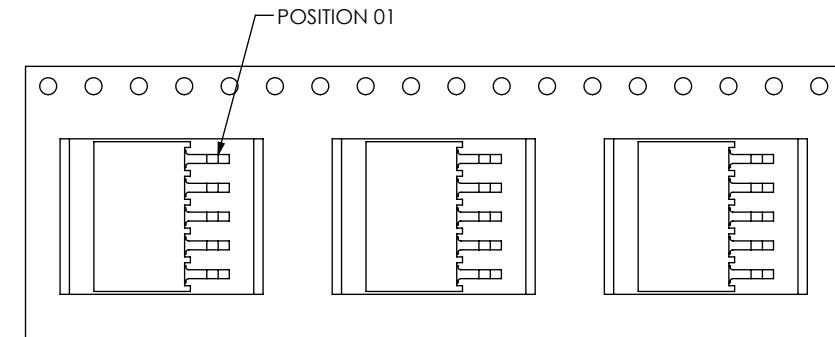
DWG. NO. SMH-1XX-XX-XX-X-XX

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



USER DIRECTION OF REELING →
POCKET NOT DETAILED

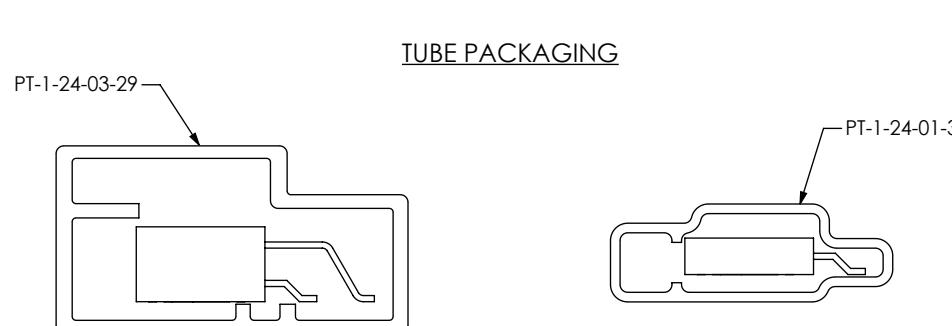
SHM-105-XX-XX-D-TR SHOWN



USER DIRECTION OF REELING →
POCKET NOT DETAILED

SHM-105-XX-XX-S-TR SHOWN

-TR PACKAGING VIEW



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

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SHEET SCALE: 2:1

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

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