

DO NOT SCALE FROM THIS PRINT

TABLE 1	
LEAD STYLE	CONTACT
-02	C-08-03-XXX
-22	C-17-03-XXX

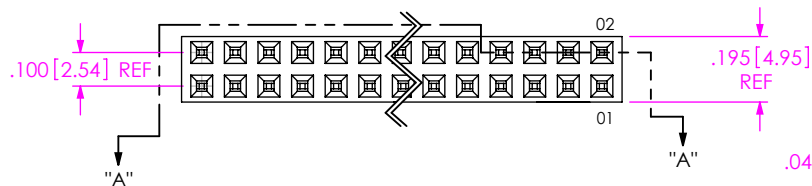
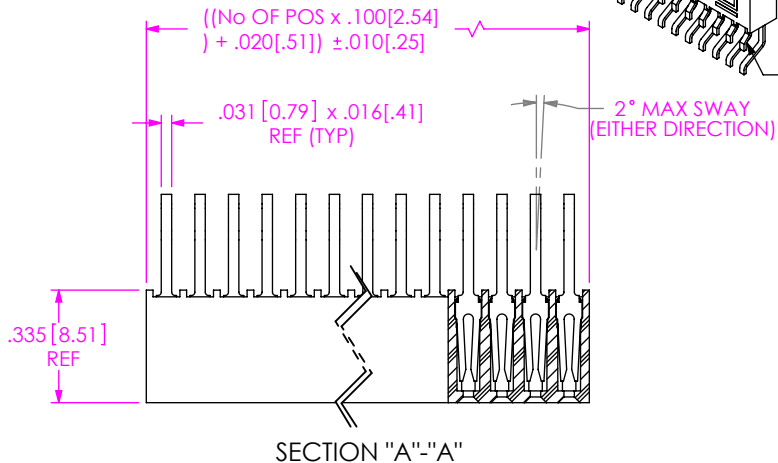
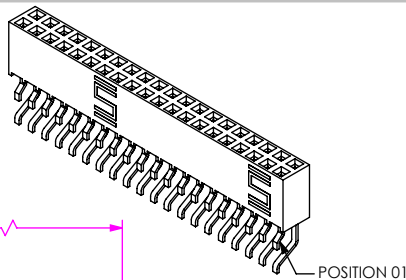


FIG 1
SMH-120-XX-XX-D SHOWN

SEE SHEET 2 FOR IN-PROCESS VIEWS

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

NO. OF POSITIONS

-02 THRU -36
(PER ROW)

LEAD STYLE

-02: SURFACE MOUNT
(USE C-08-03-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

PACKAGING

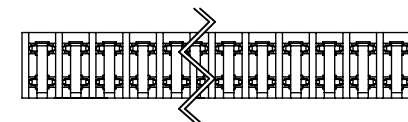
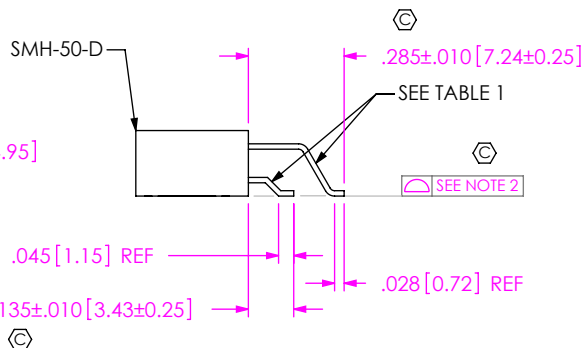
BLANK: TUBES (SEE NOTE 11)
-TR: TAPE & REEL (SEE NOTES 10 & 12)
-FR: FULL REEL QTY TAPE & REEL
(SEE NOTES 10 & 12)
(-XR AVAILABLE FOR 02 - 29 POSITIONS ONLY)

OPTIONS

-XX: INDICATES POSITION
POLARIZED (USE PK-06-N)

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:

- ⊕ REPRESENTS A CRITICAL DIMENSION.
- COPLANARITY: POSITIONS 02-24=.006[.15], POSITIONS 25-36=.008[.20].
- BURR ALLOWANCE: .003[.08] MAX.
- 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
- MINIMUM PUSHOUT FORCE: 1.5 LB.
- MAXIMUM ALLOWABLE BOW: .003[.08] INCH/INCH AFTER ASSEMBLY.
- ENDWALLS AFTER CUTTING: .045 +/- .003.
- SHEAR TAILS TO DIMENSION SHOWN.
- CONTACT TAILS TO BE FLUSH TO .003[.08] ABOVE OR BELOW A DATUM LINE MADE BY THE INSULATOR. (-DH ONLY)
- ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
- POSITIONS 4 OR LESS SHOULD BE LAYER PACKAGED UNLESS OTHERWISE NOTED IN THE PART CALLOUT.
- ATTACH LABEL TO EACH REEL.

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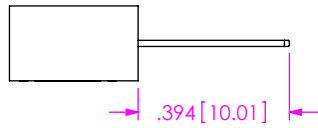
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

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

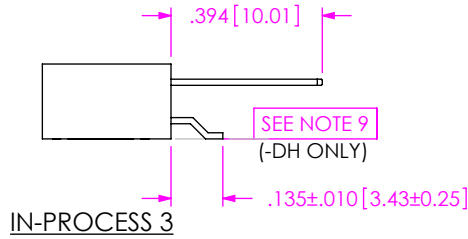
DWG. NO. SMH-1XX-XX-XX-X-XX-XX

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

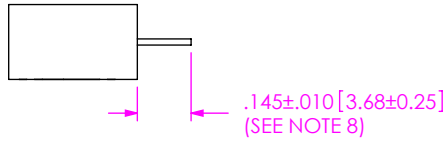
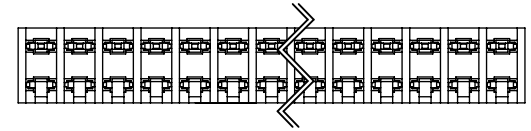


IN-PROCESS 1

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

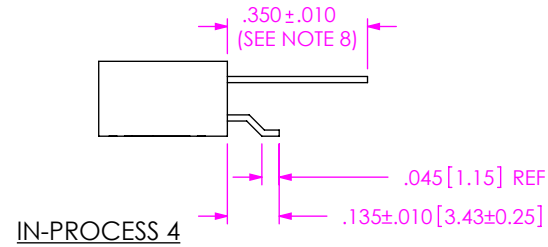


IN-PROCESS 3

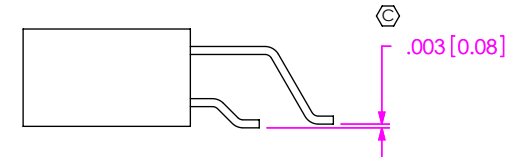
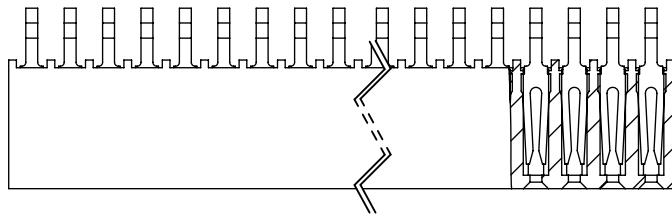


IN-PROCESS 2

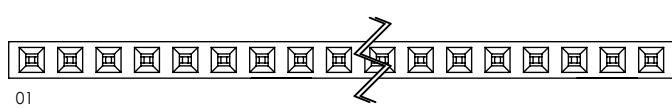
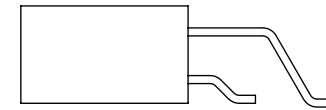
MUST FILL WITH DIE SIDE OF PIN FACING DOWN, PINS ARE STAMPED WITH A SQUARE INDICATOR MARK ON DIE SIDE



IN-PROCESS 4



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



01

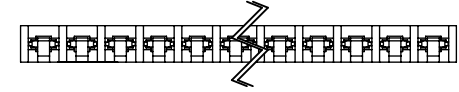
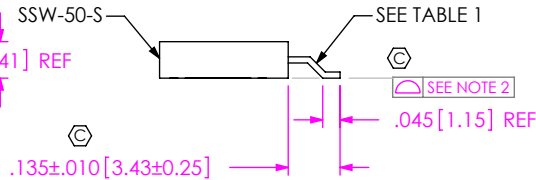
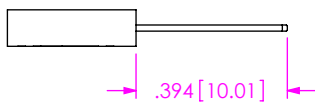
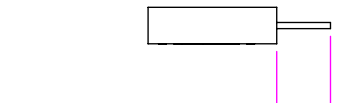


FIG 2
SMH-120-XX-XX-S SHOWN
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

c:\enterprise\dwg\MISC\MKTG\SMH-1XX-XX-XX-X-XX-MKT.SLDDRW



IN-PROCESS 1



IN-PROCESS 2

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SHEET SCALE: 2:1

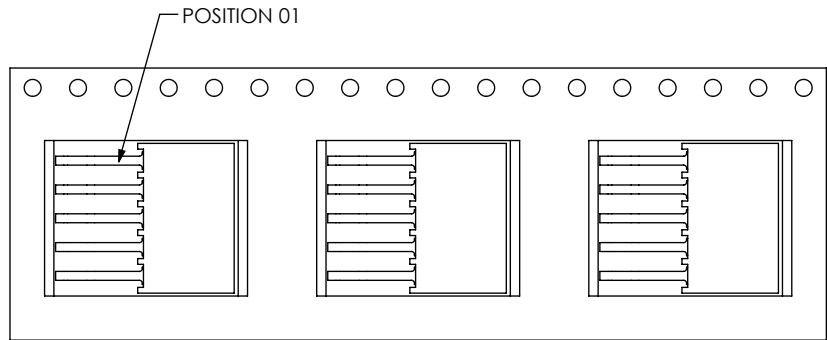


520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
.100 [2.54] HORIZONTAL SMT SOCKET ASSEMBLY

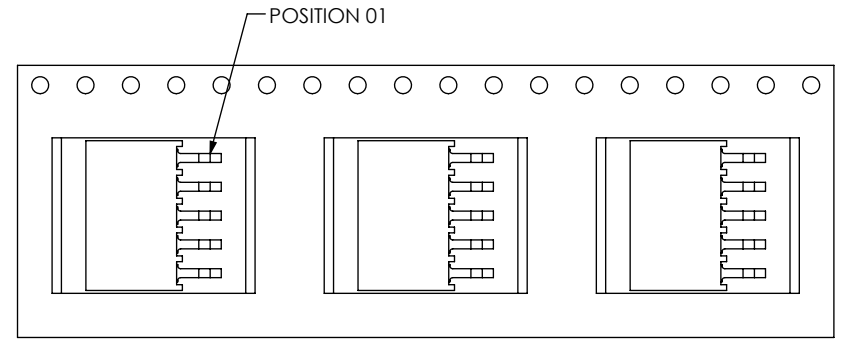
DWG. NO.
SMH-1XX-XX-XX-X-XX-XX

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



USER DIRECTION OF REELING →
POCKET NOT DETAILED

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

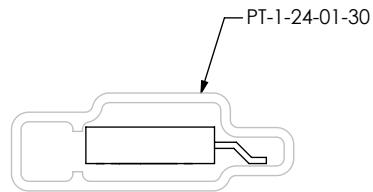
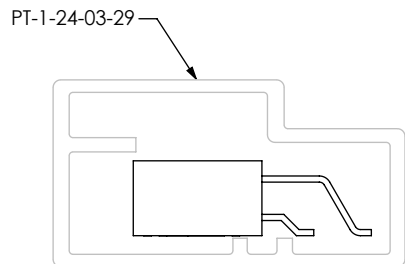


USER DIRECTION OF REELING →
POCKET NOT DETAILED

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-XX

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