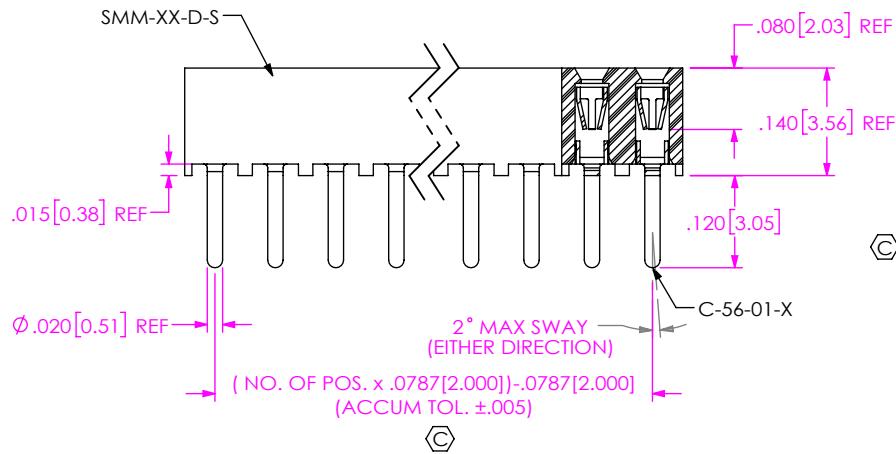
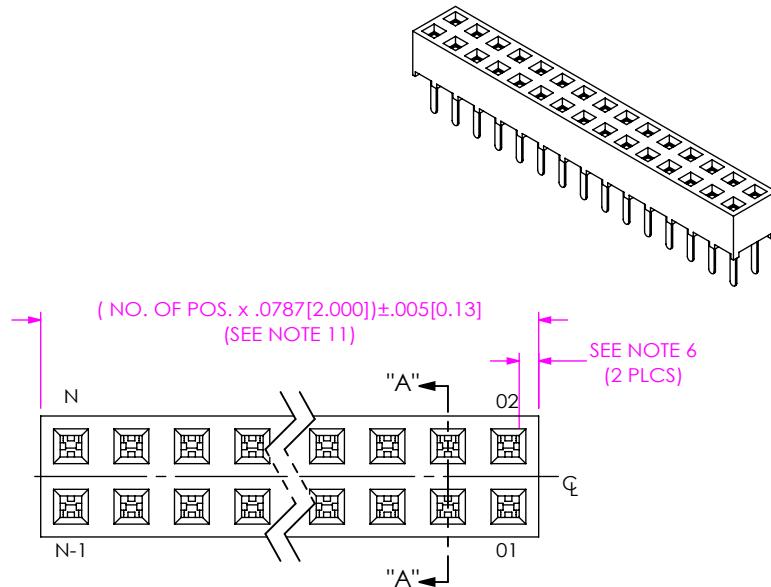


DO NOT
SCALE FROM
THIS PRINTFIG 1
-01: THROUGH HOLE

SMM-1XX-XX-XX-D-XX-XX-X-XX

No OF POS PER ROW

THROUGH HOLE: -01 THRU -40
SURFACE MOUNT: -02 THUR -40

LEAD STYLE

-01: THROUGH HOLE
(C-56-01-X)
-02: SURFACE MOUNT
(C-56-02-X)

PLATING OPTION

- S: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- F: 3μ" FLASH SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- H: 30μ" HEAVY GOLD IN CONTACT AREA, 3μ" GOLD ON TAIL
- L: 10μ" LIGHT SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- SM: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- FM: 3μ" FLASH SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

OPTION

- TR: TAPE & REEL
MAX. POSITIONS AVAILABLE:
27 VERTICAL/ 28 HORIZONTAL
(SEE SHEET 3)

OPTION 2

- P: PICK & PLACE PAD
(USE PPP-03, SEE FIG 3, SHT 2)
- K: POLYIMIDE FILM
(USE K-DOT-.217-.313-.005)
(2 POS MIN, SEE FIG 4, SHT 2)

(AVAILABLE ON LEAD STYLE -02 ONLY)

POLARIZING OPTION

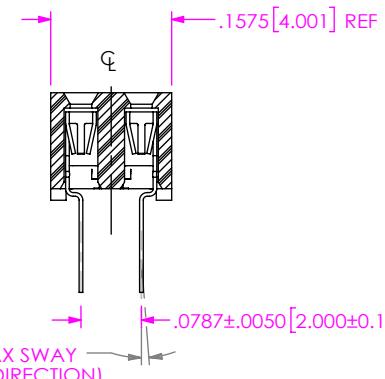
INDICATE POSITION
(USE PK-07-N)

OPTION 1

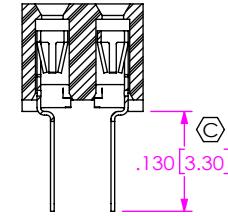
- LC: LOCKING CLIP(USE 2 LC-05-TM)
(AVAILABLE ONLY WITH LEAD STYLE -02)
(SEE NOTE 5 & 12)(SEE FIG 5, SHT 2)

ROW OPTION

- D: DOUBLE ROW
(USE SMM-XX-D-S)



SECTION "A"-A"

IN-PROCESS
-01 SHOWN

NOTES:

1. \odot REPRESENTS A CRITICAL DIMENSION.
2. RETENTION FORCE IN BODY TO BE: 1 lbs. MIN.
3. INSERTION FORCE TO BE: 3.0 oz. MAX.
4. WITHDRAWAL FORCE TO BE: 0.5 oz. MIN.
5. "-LC" OPTION FOR A 02 POSITION WILL HAVE ONLY ONE LOCKING CLIP (LC-05-TM).
6. "END WALLS" AFTER CUTTING SHOULD BE $.025\pm.005$.
7. FOR -01 LEAD STYLE, LAYER PACKAGE POSITIONS -01 THRU -04.
8. FOR -02 LEAD STYLE WITHOUT PICK & PLACE PAD, LAYER PACKAGE POSITION -02 ONLY.
9. -02 THRU -05 POSITION WITH -K OR -P TO BE PACKAGED IN -TR ONLY. -06 THUR -40 POSITION AVAILABLE IN TUBE OR -TR PACKAGING.
10. MAXIMUM CUT FLASH: .010[.25].
11. NO FLASH ALLOWED IN SOCKET OR EXTENDING BELOW LEADS.
12. DUE TO THE HIGH AMOUNT OF INSERTION FORCE NEEDED, THE -LC OPTION IS NOT COMPATIBLE WITH AUTO PLACEMENT. SAMTEC RECOMMENDS MANUAL PLACEMENT FOR ALL ASSEMBLIES WITH THE -LC OPTION.

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:

DECIMALS	ANGLES
.XX: $\pm.01$ [0.3]	2°
.XXX: $\pm.005$ [0.13]	
.XXXX: $\pm.0020$ [0.051]	

MATERIAL: DO NOT SCALE DRAWING
INSULATOR: LCP UL 94V-O, COLOR: BLACK
CONTACT: BeCu

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SHEET SCALE: 4:1

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

samtec

DESCRIPTION: 2 MM SOCKET STRIP
DWG. NO. SMM-1XX-XX-XX-D-XX-XX-X-XX
BY: JOE Z 04/20/2016 SHEET 1 OF 3

REVISION BC

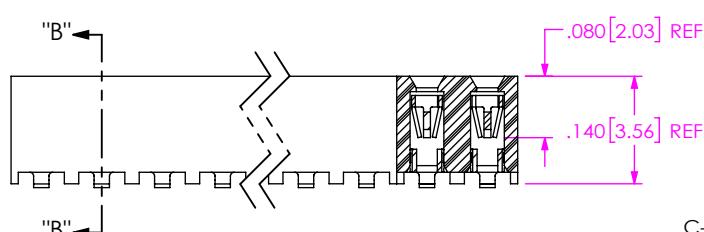
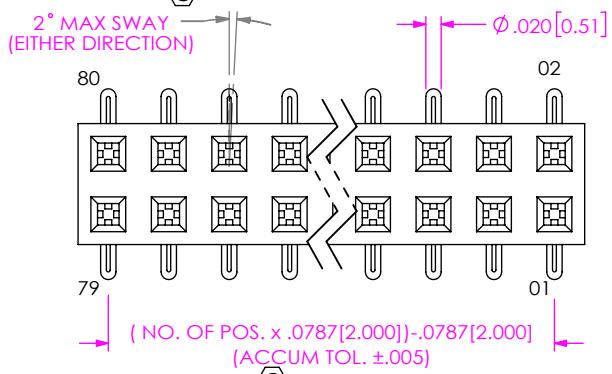
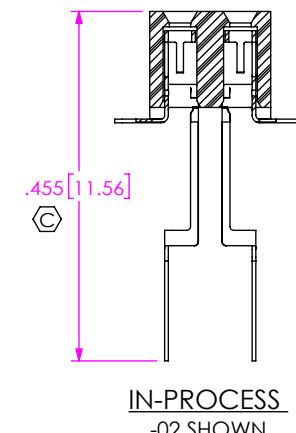
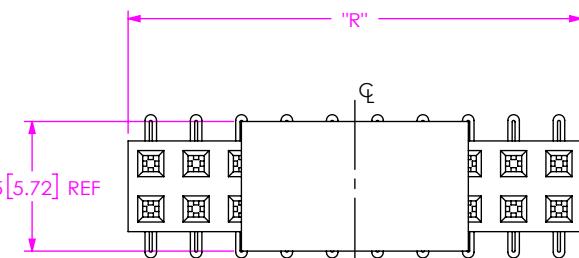


FIG 2
-02: SURFACE MOUNT
(SAME AS FIG 1, DIFFERENT AS SHOWN)



NOTE : "R"=NO OF POS x .0787[2.000]
"S"={("R"-.394[10.01])/2} ± .020[0.51]



NOTE : "R"=USED MEASURED DIMENSION (REF)
"S"={("R"-.2165[5.50])/2} ± .020[0.51]

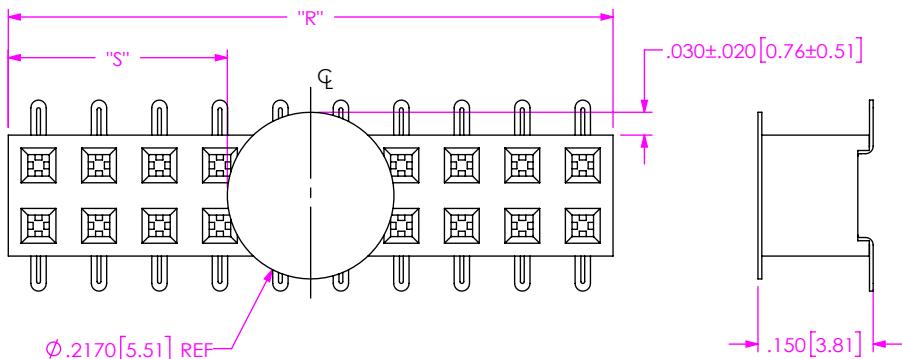


FIG 4
-K: POLYIMIDE FILM PAD
(2 POSITION MINIMUM, SEE NOTE 9)
(SAME AS FIG 1, DIFFERENT AS SHOWN)

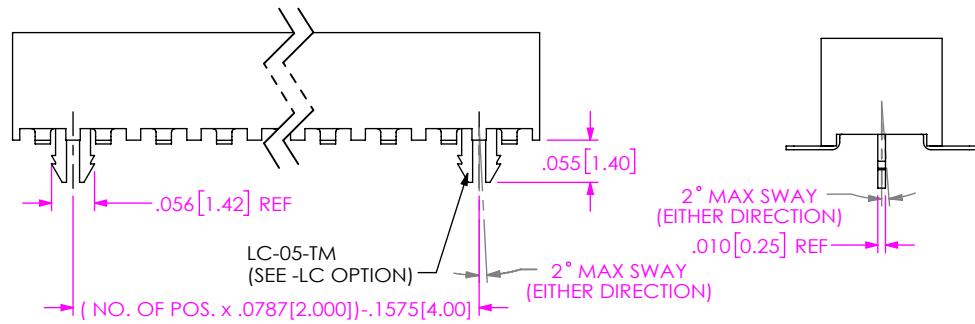
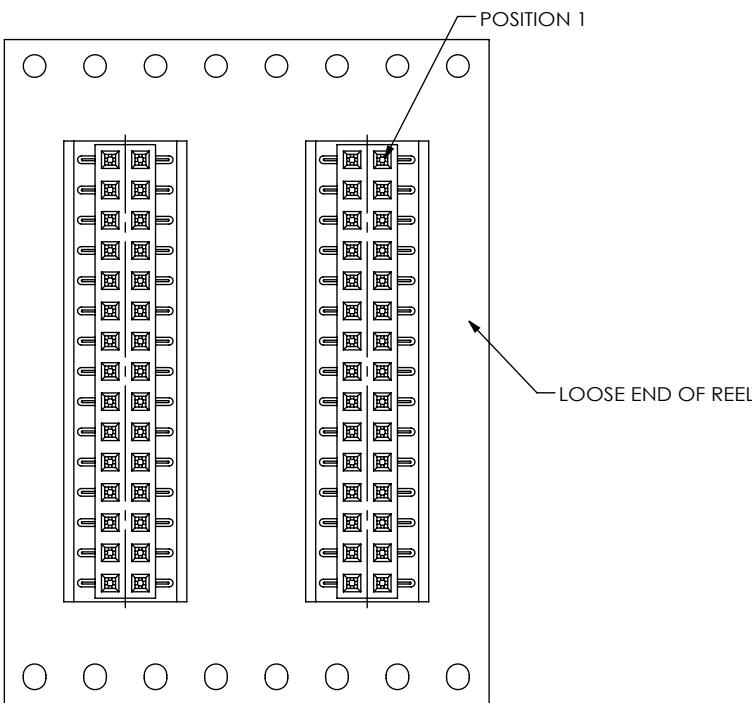


FIG 5
-LC: LOCKING CLIP
(SAME AS FIG 1, DIFFERENT AS SHOWN)

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SHEET SCALE: 4:1	
DESCRIPTION:	2 MM SOCKET STRIP
DWG. NO.	SMM-1XX-XX-XX-D-XX-XX-X-XX
BY: JOE Z	04/20/2016 SHEET 2 OF 3

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e-Mail: info@SAMTEC.com code 55322

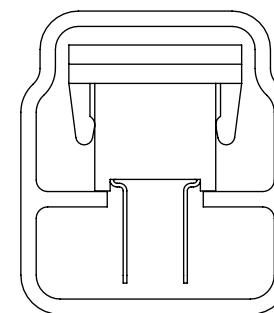
PACKAGE PARTS IN TUBES AS SHOWN

USER DIRECTION OF UN-REELING
POCKET NOT DETAILED

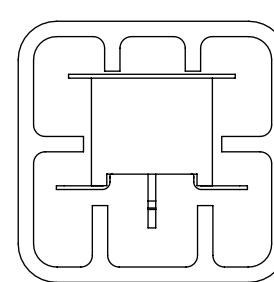


PACKAGING VIEW
-TR: TAPE AND REEL

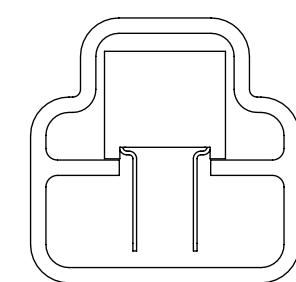
PT-1-24-03-16



PT-1-24-07-63



PT-1-24-02-16



LEAD STYLE	OPTIONS	POS PER ROW	TUBE	PLUG
-01	NONE, -LC (SEE NOTE 7)	05 THRU 40	PT-1-24-02-16	TP-24
-02	NONE (SEE NOTE 8)	03 THRU 40	PT-1-24-02-16	TP-24
-02	-K, -K-LC	06 THRU 40	PT-1-24-07-63	TP-24
-01, -02	-P, -P-LC	06 THRU 40	PT-1-24-03-16	TP-03
-02	-LC	03 THRU 40	PT-1-24-07-63	TP-24

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SHEET SCALE: 4:1

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BY: JOE Z 04/20/2016 SHEET 3 OF 3