

DO NOT SCALE FROM THIS PRINT

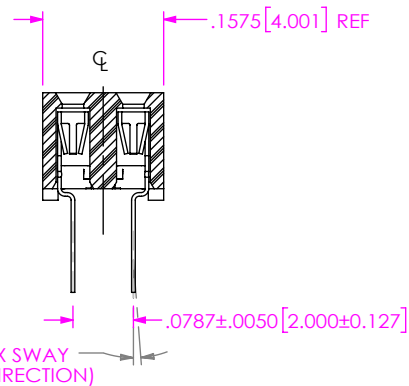
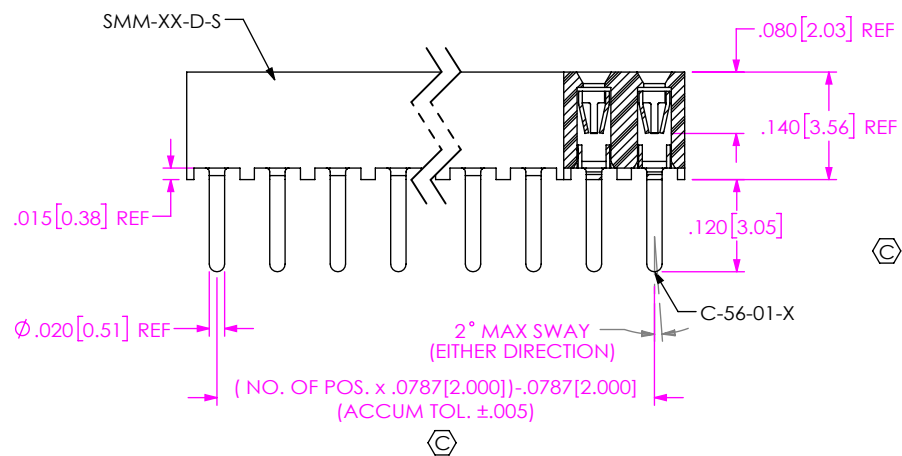
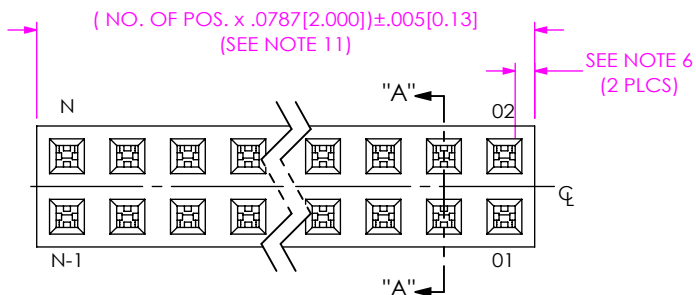
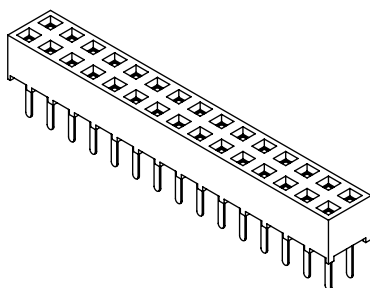


FIG 1
-01: THROUGH HOLE

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

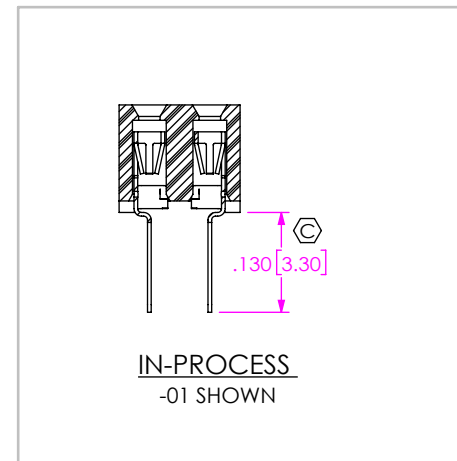
OPTION
-TR: TAPE & REEL
MAX. POSITIONS AVAILABLE:
27 VERTICAL / 28 HORIZONTAL
(SEE SHEET 3)

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)



NOTES:

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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS ANGLES
.XX: ±.01 [0.3] 2°
.XXX: ±.005 [0.13]
.XXXX: ±.0020 [0.051]

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 4:1
INSULATOR: LCP UL 94V-O, COLOR: BLACK
CONTACT: BeCu

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



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

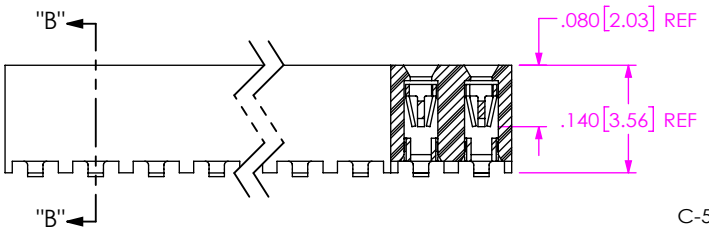
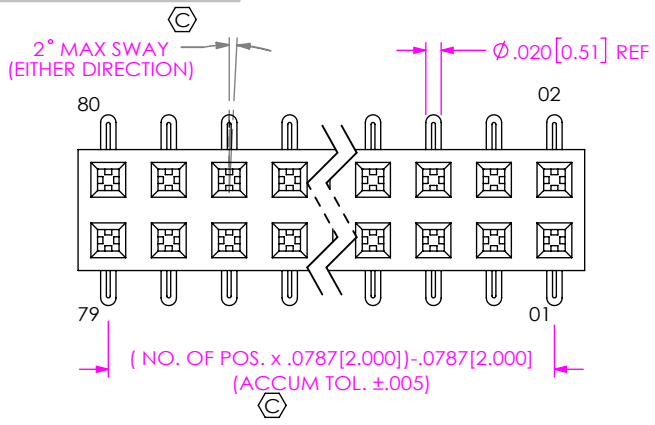
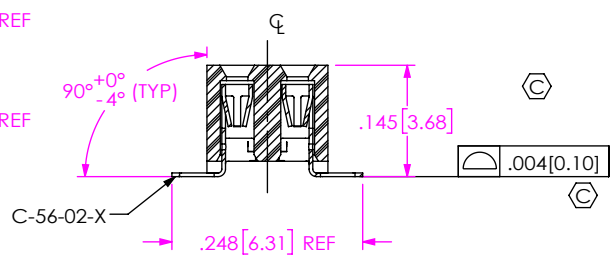
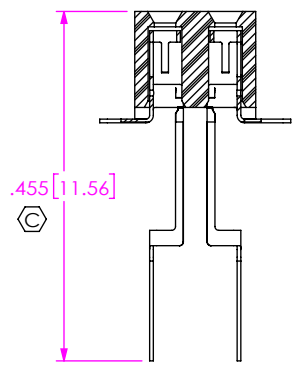


FIG 2
-02: SURFACE MOUNT
(SAME AS FIG 1, DIFFERENT AS SHOWN)



SECTION "B"-"B"



IN-PROCESS
-02 SHOWN

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

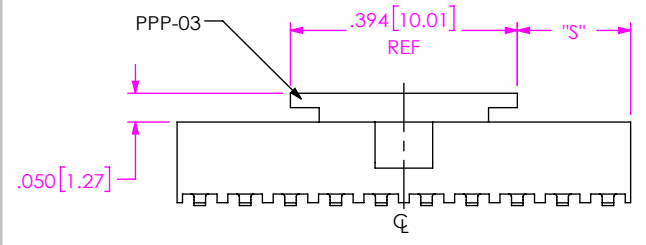
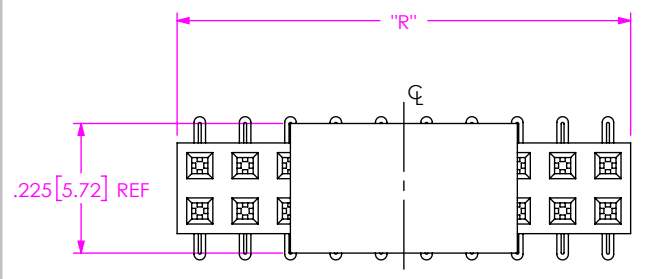


FIG 3
-P: PICK AND PLACE PAD
(PLACE PPP-03 ABOUT CL AS SHOWN)
(SAME AS FIG 1, DIFFERENT AS SHOWN)
(SEE NOTE 9)

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

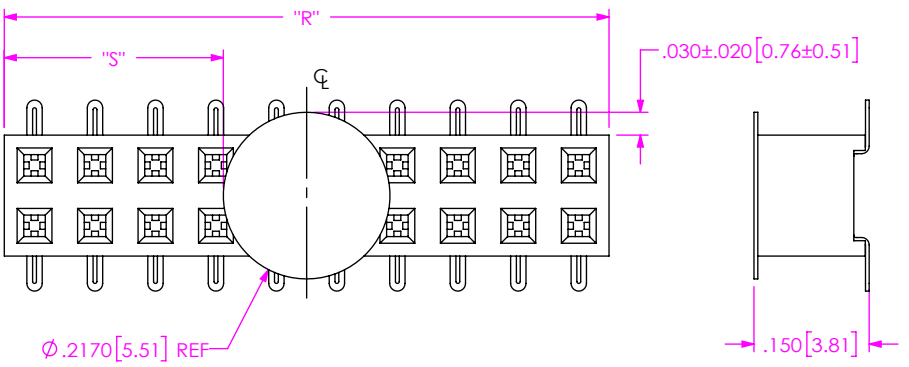


FIG 4
-K: POLYIMIDE FILM PAD
(2 POSITION MINIMUM, SEE NOTE 9)
(SAME AS FIG 1, DIFFERENT AS SHOWN)

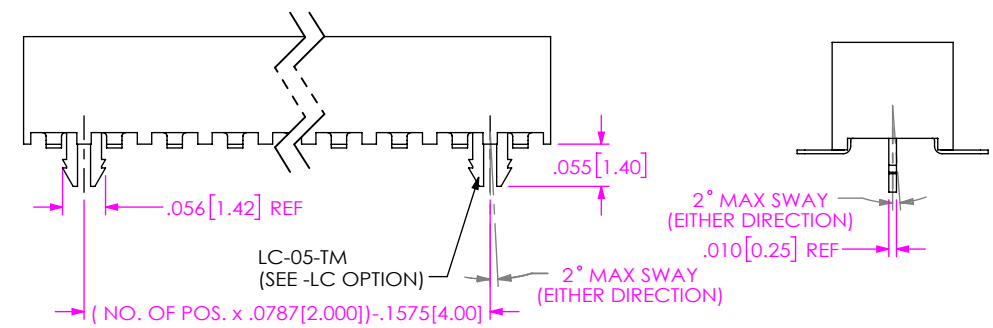
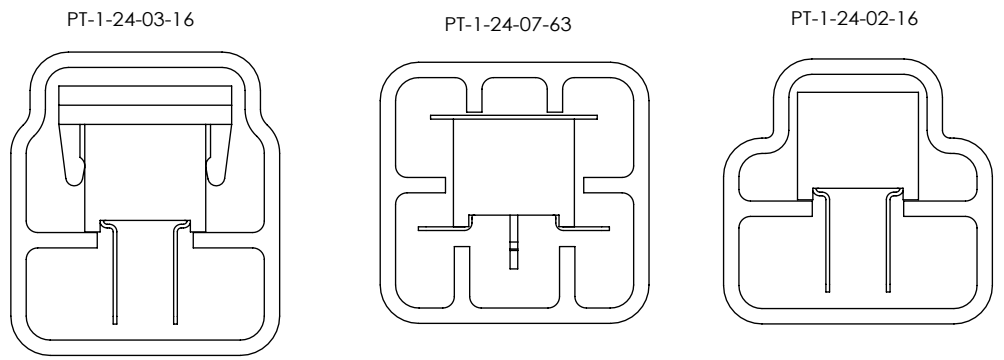
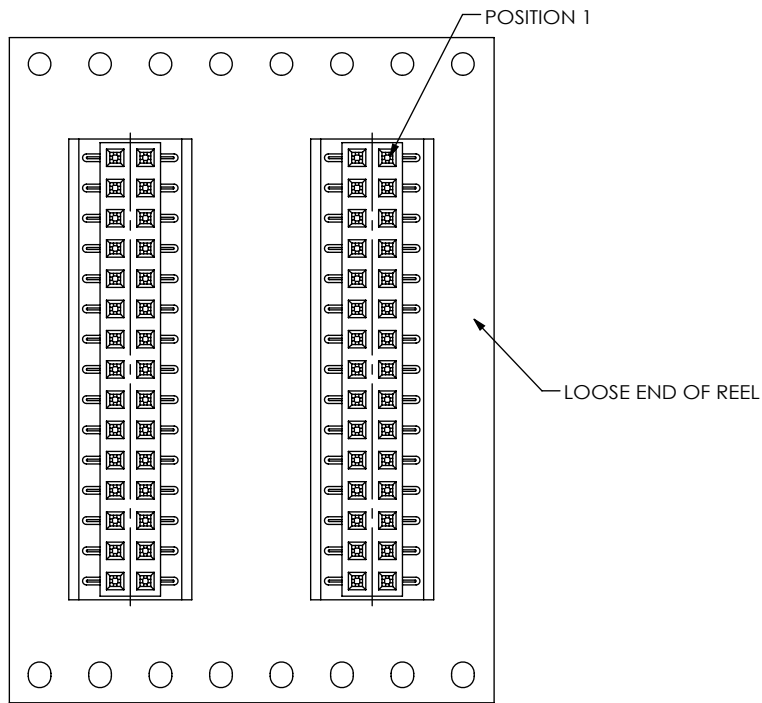


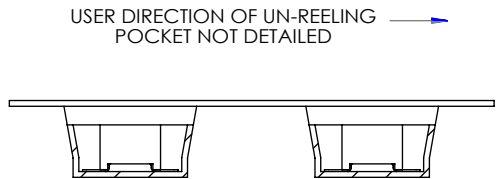
FIG 5
-LC: LOCKING CLIP
(SAME AS FIG 1, DIFFERENT AS SHOWN)

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	<p>520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail info@SAMTEC.com code 53322</p>	
	<p>SHEET SCALE: 4:1</p>	<p>DESCRIPTION: 2 MM SOCKET STRIP</p>
<p>BY: JOE Z</p>		<p>04/20/2016 SHEET 2 OF 3</p>

PACKAGE PARTS IN TUBES AS SHOWN



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



PACKAGING VIEW
-TR: TAPE AND REEL

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