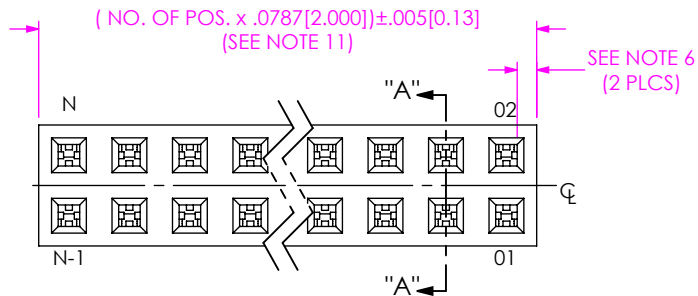
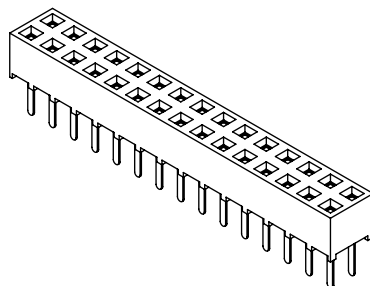


DO NOT SCALE FROM THIS PRINT

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)(SEE NOTE 13)
 -FR: FULL REEL QTY. TAPE & REEL
 MAX. POSITIONS AVAILABLE: 27
 VERTICAL/ 28 HORIZONTAL
 (SEE NOTE 14)

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)

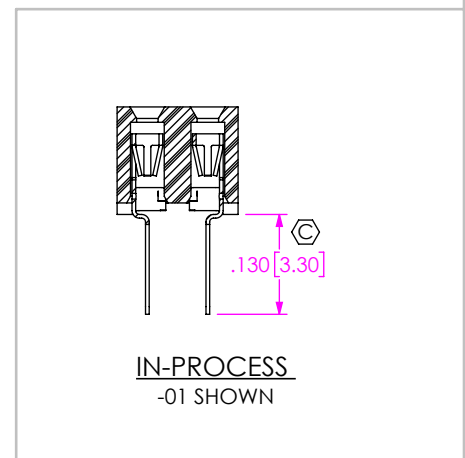
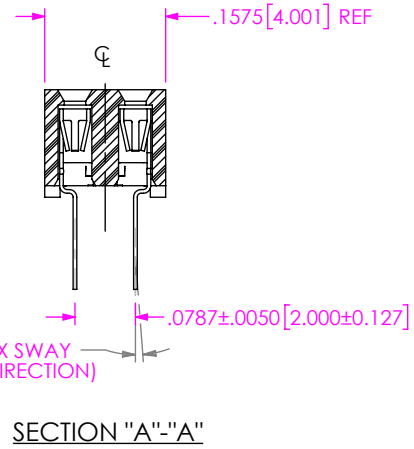
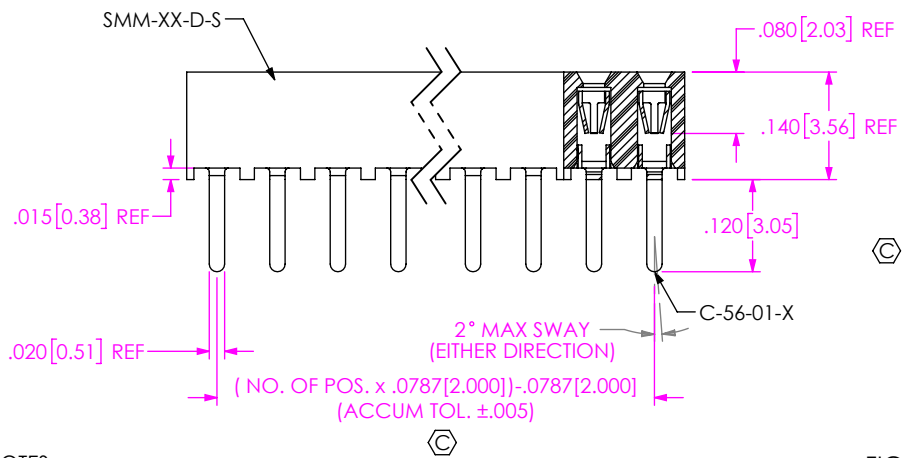


FIG 1
 -01: THROUGH HOLE

- 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.
 - TR OPTION ORDERS INVOLVING PARTIAL REEL QUANTITIES MAY BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
 - FR OPTIONS WILL BE SHIPPED AT THE MAX QUANTITY PER REEL, BASED ON OPTIONS SELECTED.

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



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 e-Mail info@SAMTEC.com code 55322

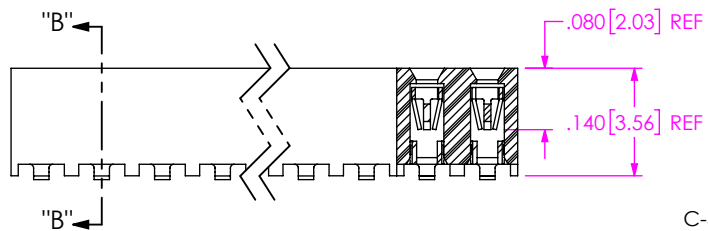
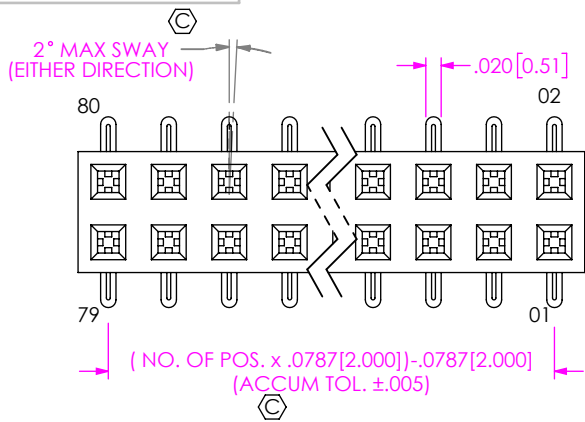
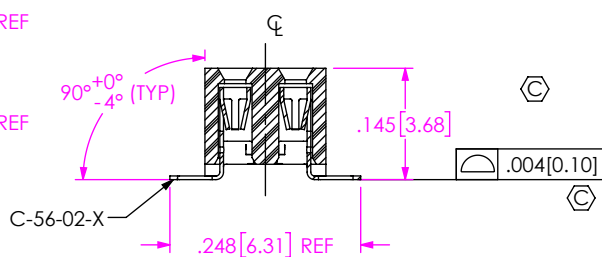
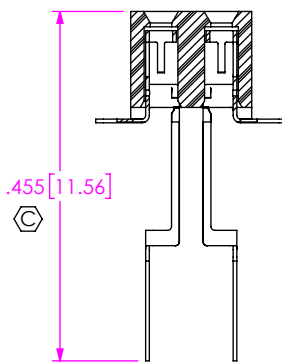


FIG 2
-02: SURFACE MOUNT
(SAME AS FIG 1, DIFFERENT AS SHOWN)



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]

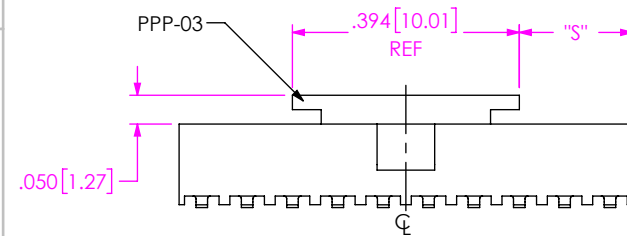
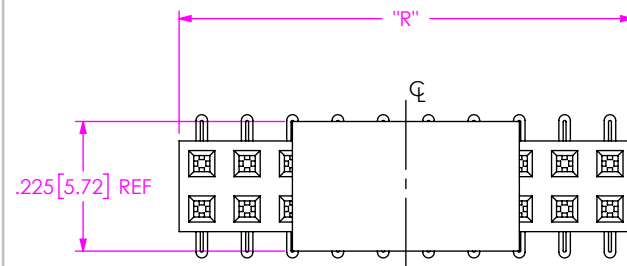


FIG 3
-P: PICK AND PLACE PAD
(PLACE PPP-03 ABOUT CL AS SHOWN)
(SAME AS FIG 1, DIFFERENT AS SHOWN)
(SEE NOTE 9)

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

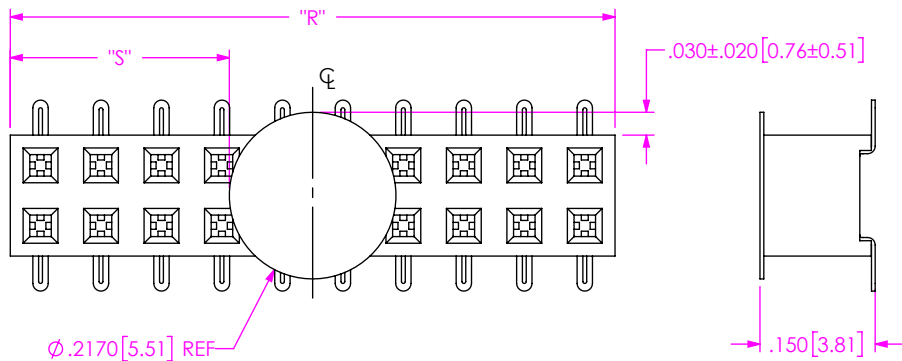


FIG 4
-K: POLYIMIDE FILM PAD
(2 POSITION MINIMUM, SEE NOTE 9)
(SAME AS FIG 1, DIFFERENT AS SHOWN)

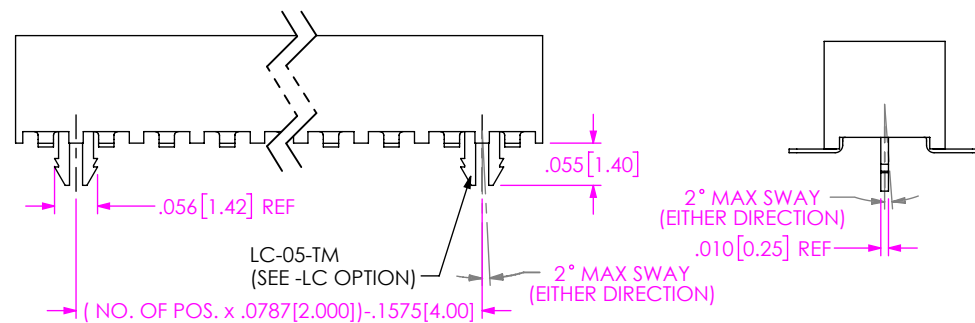
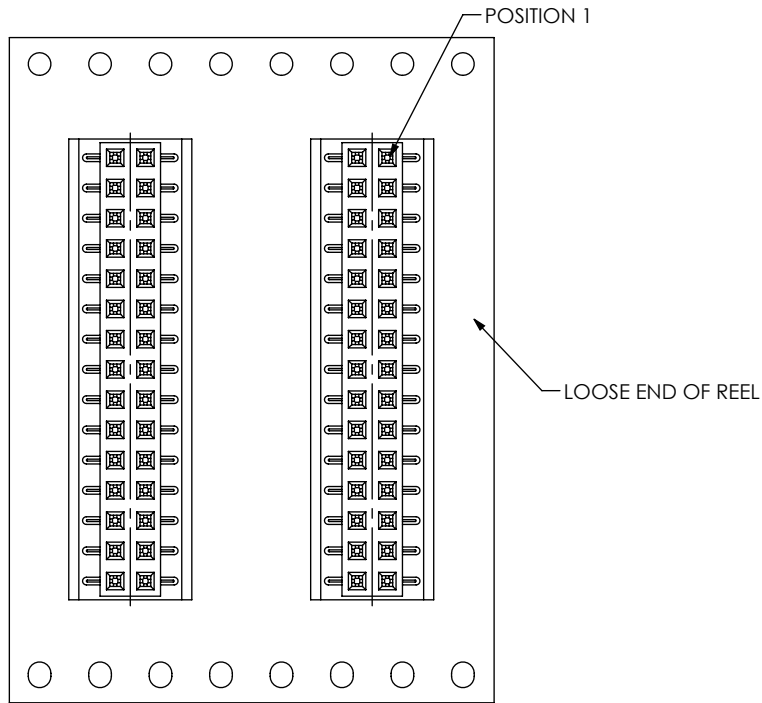
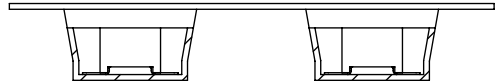


FIG 5
-LC: LOCKING CLIP
(SAME AS FIG 1, DIFFERENT AS SHOWN)

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	<p>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>



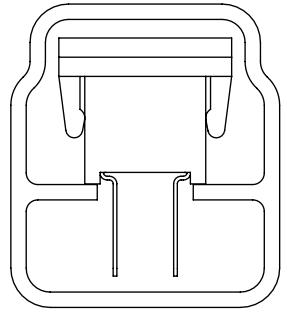
USER DIRECTION OF UN-REELING →
POCKET NOT DETAILED



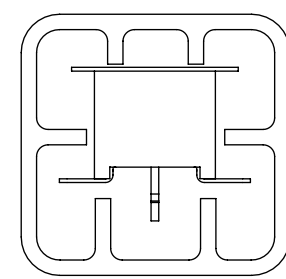
PACKAGING VIEW
-TR: TAPE AND REEL

PACKAGE PARTS IN TUBES AS SHOWN

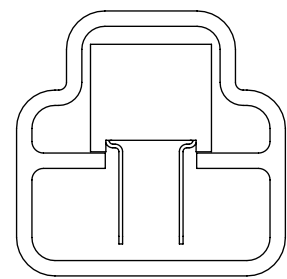
PT-1-24-03-16



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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e-Mail info@SAMTEC.com code 55322

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 3 OF 3

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