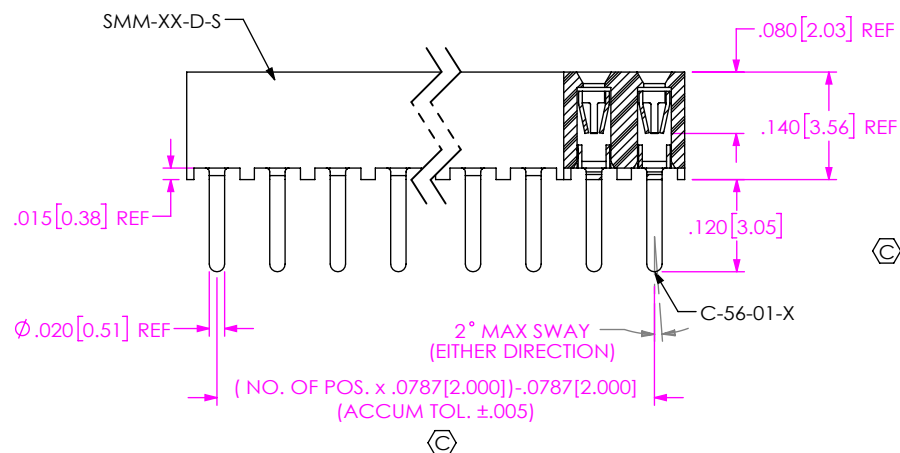
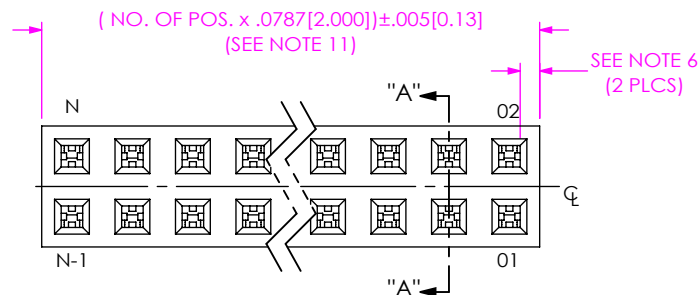
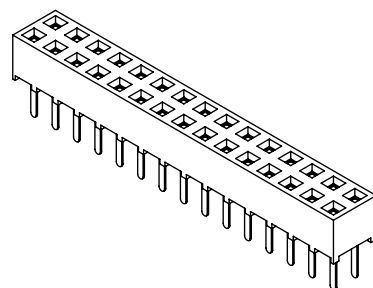


DO NOT
SCALE FROM
THIS PRINTFIG 1
-01: THROUGH HOLE

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

No OF POS PER ROW

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

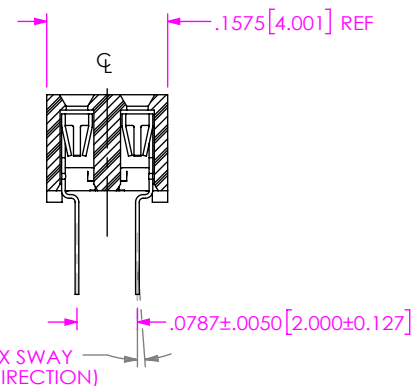
POLARIZING OPTION

INDICATE POSITION
(USE PK-07-N)

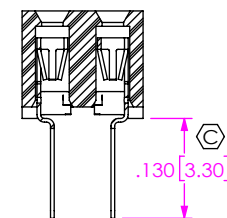
OPTION 1

-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. Ⓢ 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±.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 THRU -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 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]	

* PROPRIETARY NOTE *

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REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY
OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS
WRITTEN CONSENT OF SAMTEC, INC.MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 4:1
INSULATOR: LCP UL 94V-O, COLOR: BLACK
CONTACT: BeCu

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

520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 55322DESCRIPTION:
2 MM SOCKET STRIPDWG. NO.
SMM-1XX-XX-XX-D-XX-XX-X-XX

BY: JOE Z 04/20/2016 SHEET 1 OF 3

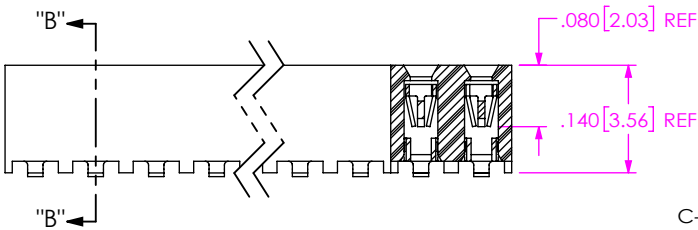
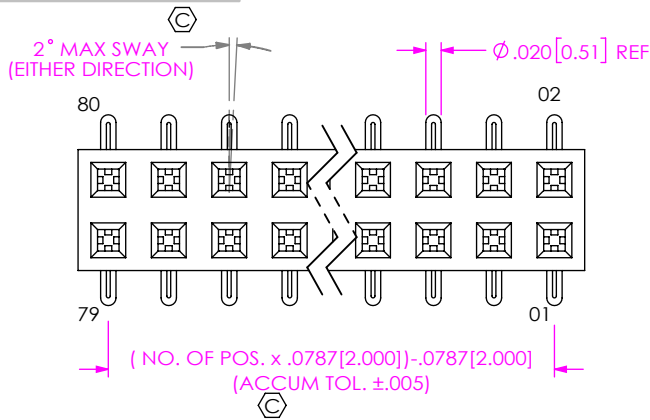
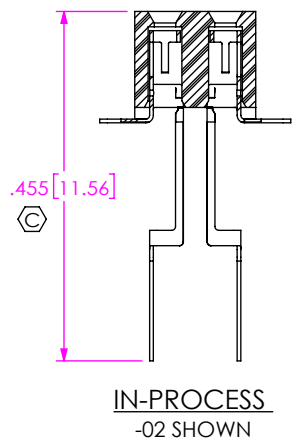
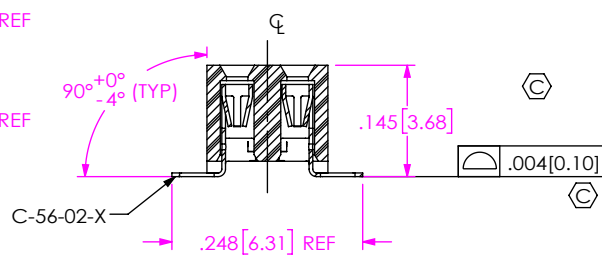


FIG 2
-02: SURFACE MOUNT
(SAME AS FIG 1, DIFFERENT AS SHOWN)



NOTE : "R"=NO OF POS x .0787[2.00]
"S"= $(\text{"R"} - .394[10.01])/2 \pm .020[0.51]$

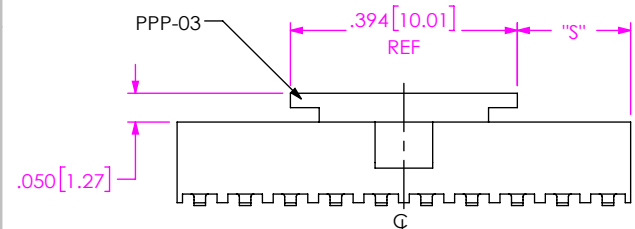
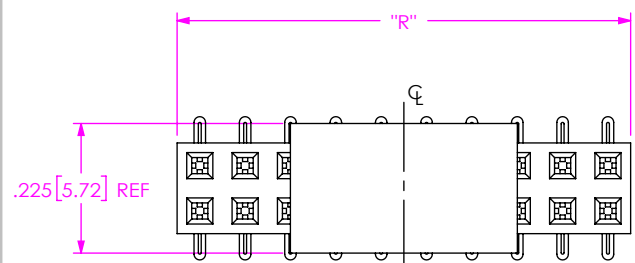


FIG 3
-P: PICK AND PLACE PAD
(PLACE PPP-03 ABOUT CL AS SHOWN)
(SAME AS FIG 1, DIFFERENT AS SHOWN)
(SEE NOTE 9)

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

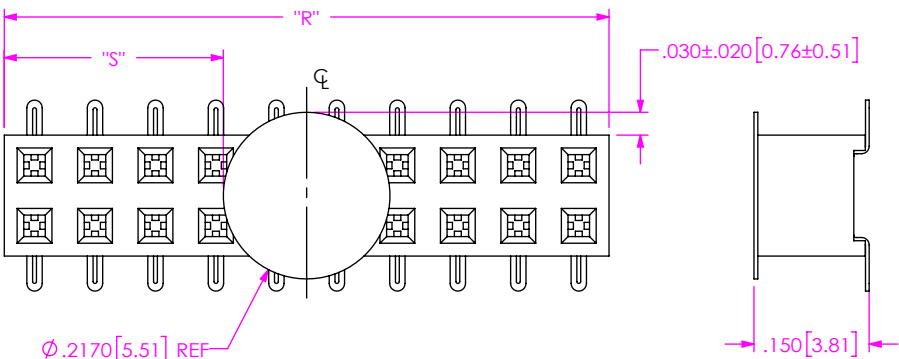


FIG 4
-K: POLYIMIDE FILM PAD
(2 POSITION MINIMUM, SEE NOTE 9)
(SAME AS FIG 1, DIFFERENT AS SHOWN)

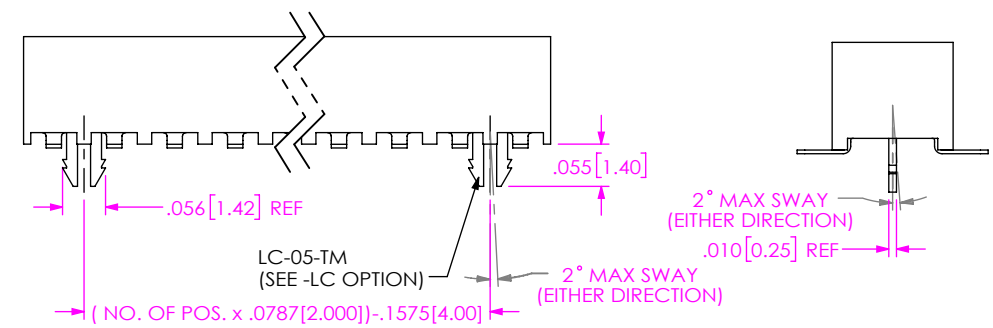
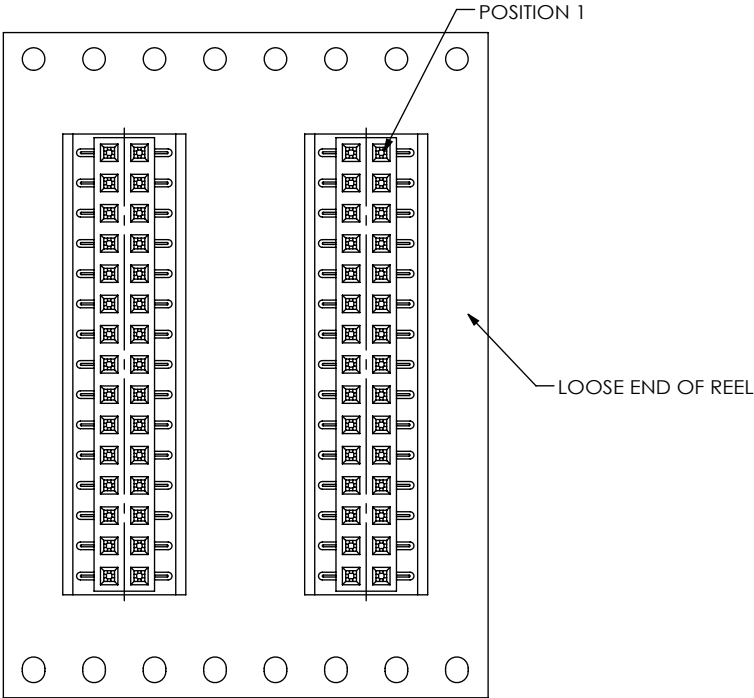
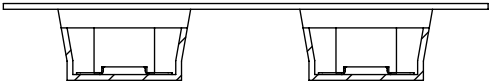


FIG 5
-LC: LOCKING CLIP
(SAME AS FIG 1, DIFFERENT AS SHOWN)

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SHEET SCALE: 4:1	<p>samtec</p> <p>520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail info@SAMTEC.com code 55322</p>
	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



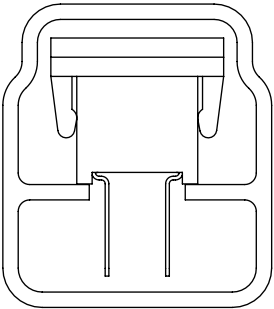
USER DIRECTION OF UN-REELING ———→
POCKET NOT DETAILED



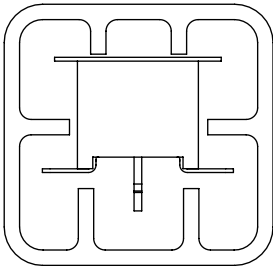
PACKAGING VIEW
-TR: TAPE AND REEL

PACKAGE PARTS IN TUBES AS SHOWN

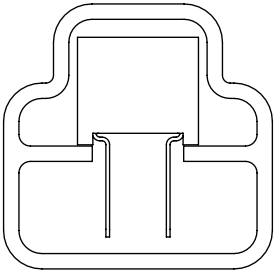
PT-1-24-03-16



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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SHEET SCALE: 4:1

samtec

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PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

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