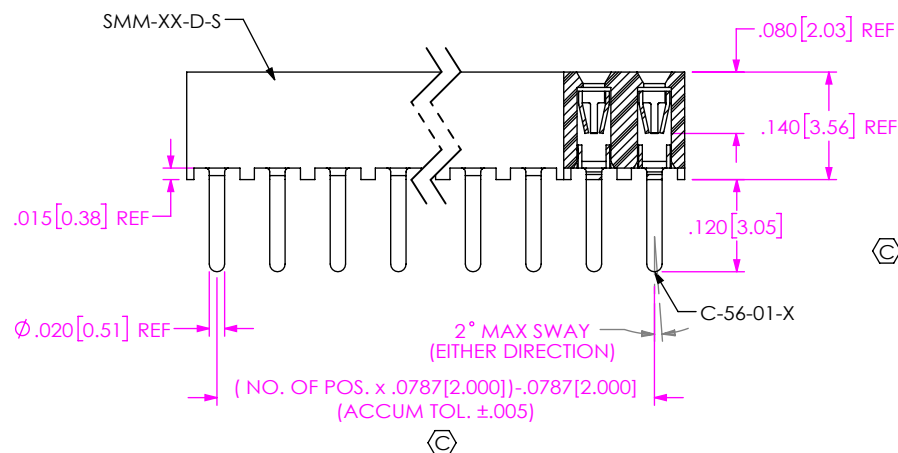
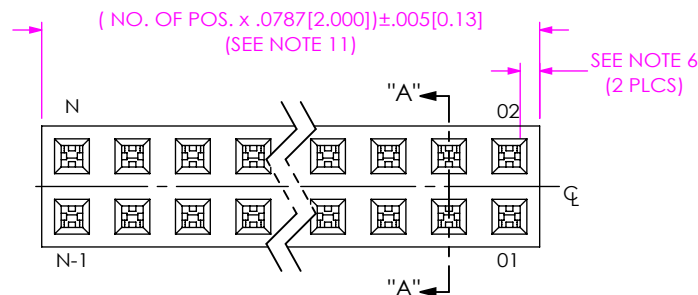
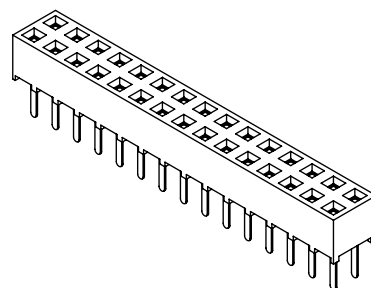


DO NOT  
SCALE FROM  
THIS PRINTFIG 1  
-01: THROUGH HOLE

## NOTES:

1.  $\text{C}$  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 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 PLACMENT FOR ALL ASSEMBLIES WITH THE -LC OPTION.

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

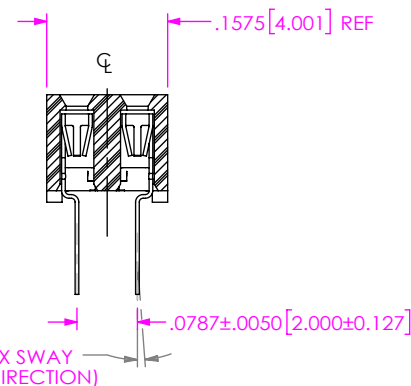
INDICATE POSITION  
(USE PK-07-N)

## OPTION 1

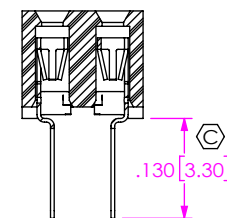
-LC: LOCKING CLIP( USE 2 LC-05-TM)  
(AVAILABLE ONLY WITH LEAD STYLE -02)  
(SEE NOTE 5 & 12)(SEE FIG 5, SHT 2)

## ROW OPTION

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



SECTION "A"-"A"

IN-PROCESS  
-01 SHOWN

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES  
.XX: ±.01 [.03]  
.XXX: ±.005 [.013]  
.XXXX: ±.0020 [.0051]

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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

**samtec**

520 PARK EAST BLVD, NEW ALBANY, IN 47150  
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 1 OF 3

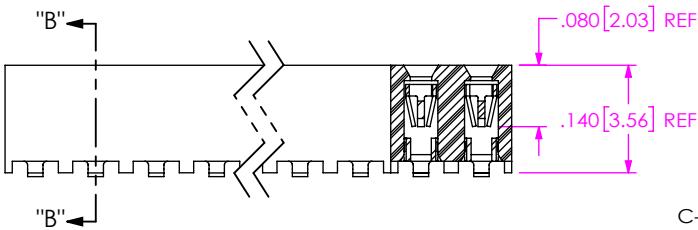
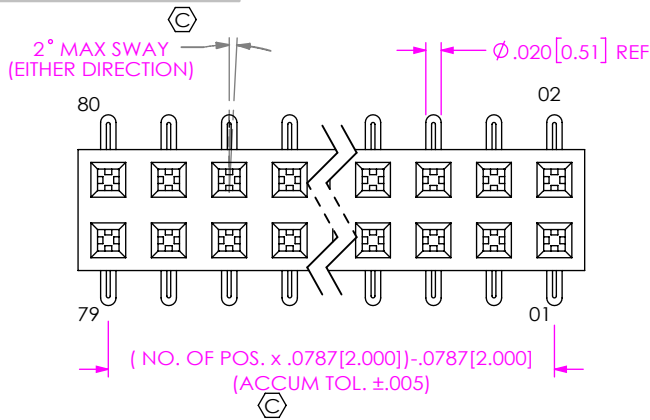
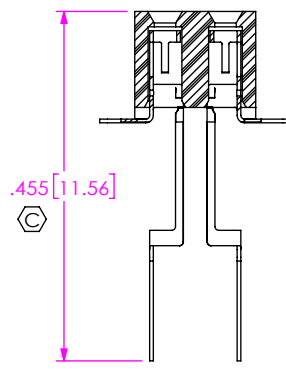
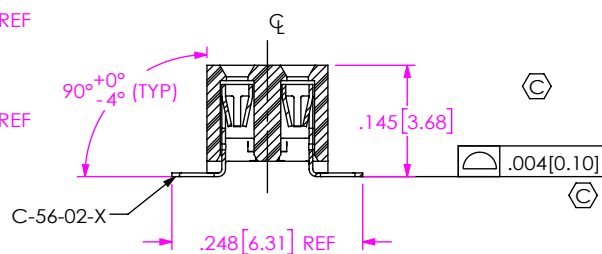


FIG 2  
-02: SURFACE MOUNT  
(SAME AS FIG 1, DIFFERENT AS SHOWN)



IN-PROCESS  
-02 SHOWN

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

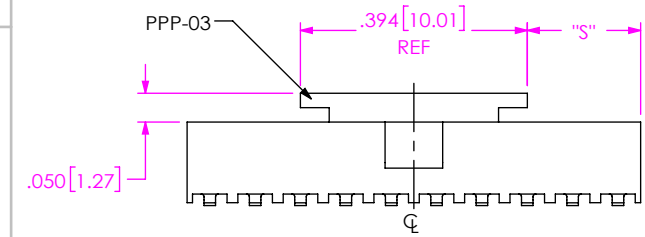
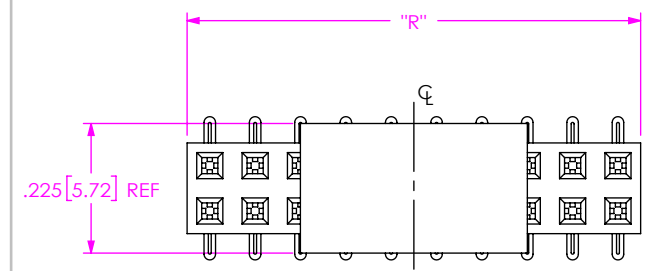


FIG 3  
-P: PICK AND PLACE PAD  
(PLACE PPP-03 ABOUT CL AS SHOWN)  
(SAME AS FIG 1, DIFFERENT AS SHOWN)  
(SEE NOTE 9)

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

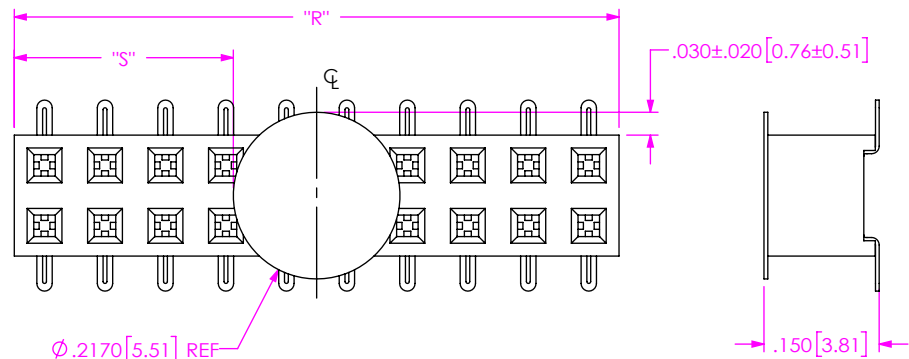


FIG 4  
-K: POLYIMIDE FILM PAD  
(2 POSITION MINIMUM, SEE NOTE 9)  
(SAME AS FIG 1, DIFFERENT AS SHOWN)

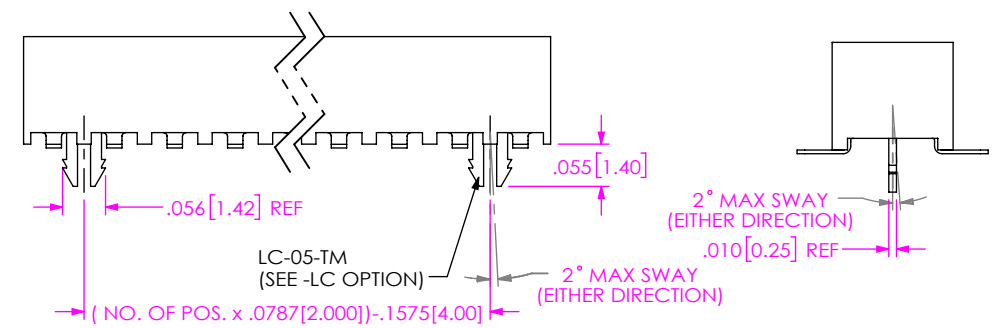
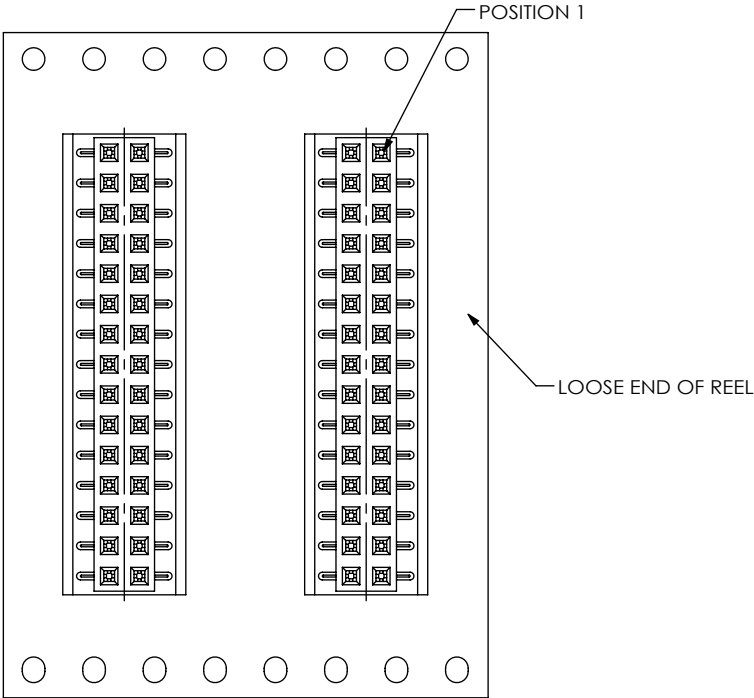


FIG 5  
-LC: LOCKING CLIP  
(SAME AS FIG 1, DIFFERENT AS SHOWN)

|                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                                                        |              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------|--------------|
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|                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                   |              |
|                                                                                                                                                                                                                                                                                                                                                                                                                         |  | 520 PARK EAST BLVD, NEW ALBANY, IN 47150<br>PHONE: 812-944-6733 FAX: 812-948-5047<br>e-Mail info@SAMTEC.com code 55322 |              |
| SHEET SCALE: 4:1                                                                                                                                                                                                                                                                                                                                                                                                        |  | DESCRIPTION:<br><br>2 MM SOCKET STRIP                                                                                  |              |
|                                                                                                                                                                                                                                                                                                                                                                                                                         |  | DWG. NO.<br>SMM-1XX-XX-XX-D-XX-XX-X-XX                                                                                 |              |
| BY: JOE Z                                                                                                                                                                                                                                                                                                                                                                                                               |  | 04/20/2016                                                                                                             | SHEET 2 OF 3 |

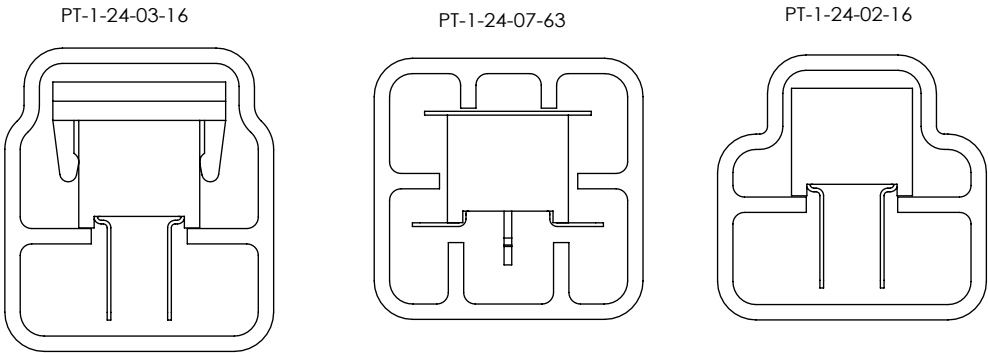


USER DIRECTION OF UN-REELING ———→  
POCKET NOT DETAILED



PACKAGING VIEW  
-TR: TAPE AND REEL

PACKAGE PARTS IN TUBES AS SHOWN



| 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

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