

DO NOT SCALE FROM THIS PRINT

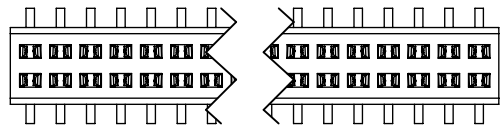


FIG 2  
(SAME AS FIG 1 EXCEPT INSULATOR)

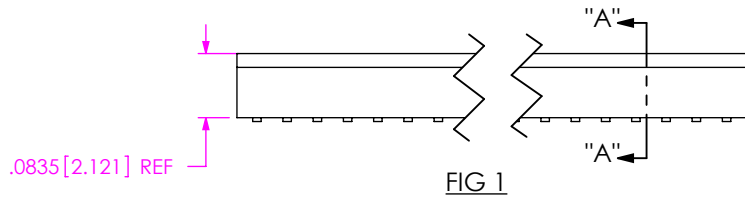
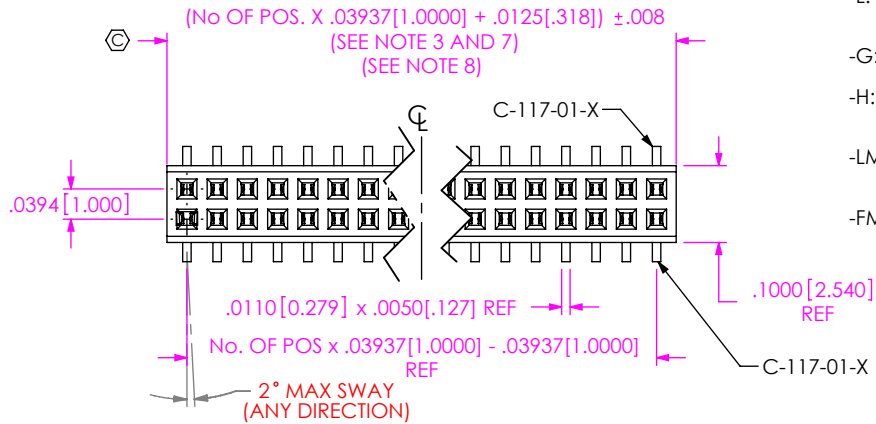


FIG 1

CLM-1XX-XX-XX-D-XX

No OF POSITIONS / ROW  
-02 THRU -50

LEAD STYLE SPEC  
-02: SURFACE MOUNT  
(USE C-117-01-X)

PLATING SPECIFICATION

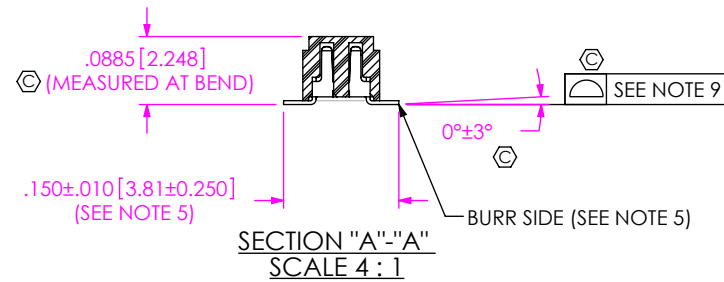
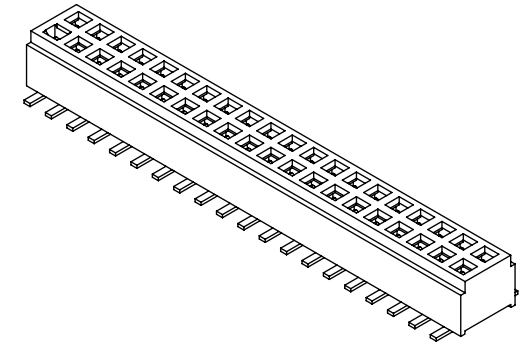
- F: 3μ" FLASH SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL (PRE-PLATED CONTACT)
- L: 10μ" LIGHT SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL (PRE-PLATED CONTACT)
- G: 10μ" GOLD IN CONTACT AREA 3μ" ON TAIL (POST-PLATED CONTACT)
- H: 30μ" HEAVY GOLD IN CONTACT AREA 3μ" ON TAIL (POST-PLATED CONTACT)
- LM: 10μ" LIGHT SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL (PRE-PLATED CONTACT)
- FM: 3μ" FLASH SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL (PRE-PLATED CONTACT)

OPTION

- P: PICK & PLACE PAD (AVAILABLE ON POS 7 THRU 50 ONLY) (SEE FIG 3, SHT 2)(USE LMP-04)
- TR: TAPE & REEL
- BE: BOTTOM ENTRY ONLY (SEE FIG 2)(USE CLM-XX-DBE-XX)
- PA: PICK & PLACE PAD W/ ALIGNMENT PINS (SEE FIG 4, SHT 2)
- A: ALIGNMENT PIN (USE CLM-XX-D-XX) (AVAILABLE ON POS 3 THRU 50 ONLY) (SEE FIG 5, SHT 2)
- K: POLYIMIDE FILM PAD (AVAILABLE ON POS 7 THRU 50 ONLY) (.005 [.13] THICKNESS)(SEE FIG 6, SHT 2) (USE K-DOT-.138-.250-.005)

BODY SPEC

- D: DOUBLE ROW (USE CLM-XX-D)



NOTES:

1. Ⓢ REPRESENTS CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: .5 LB.
3. WILL LOSE A POSITION FOR EVERY CUT MADE ON A SOCKET STRIP.
4. POSITIONS -05 THROUGH -50 ARE TO BE TUBED. POSITIONS -02 THRU -04 TO BE LAYER PACKAGED ONLY.
5. SHEAR TAILS TO DIMENSIONS SHOWN, .003 MAX SHEAR BURR.
6. PARTS TO BE SYMMETRICAL ABOUT Q.
7. CUT FLASH TO BE .010 [.25] MAX WITH NO FLASH ALLOWED IN HOLES OR EXTENDING BELOW LEADS.
8. ENDWALL AFTER CUTTING: .0155±.0025 [.398±.064]
9. COPLANARITY TO BE .0040 FOR POSITIONS 2-25 & .0060 FOR POSITIONS 26-50.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

| DECIMALS             | ANGLES |
|----------------------|--------|
| .XX: ±.01 [.3]       | 2°     |
| .XXX: ±.005 [.13]    |        |
| .XXXX: ±.0020 [.051] |        |

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1  
BODY: LCP, UL 94 V0  
COLOR: BLACK

TERMINAL:  
PHOS BRONZE



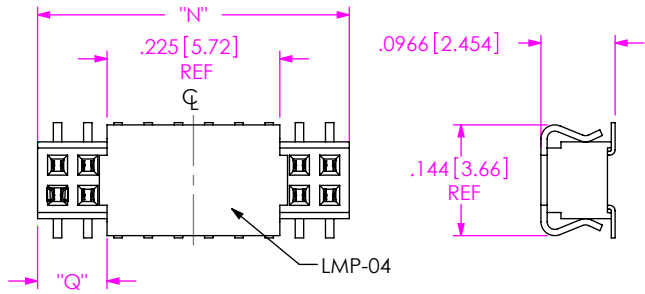
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail info@SAMTEC.com code 55322

DESCRIPTION:  
LOW PROFILE 1MM x 1MM DOUBLE ROW BODY

DWG. NO. CLM-1XX-XX-XX-D-XX

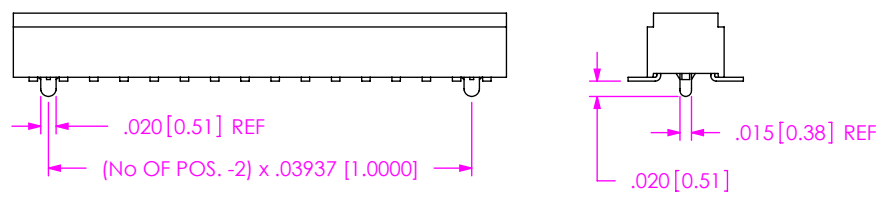
BY: G. PURVIS 08/10/94 SHEET 1 OF 2

**FIG 3**  
-P: PICK & PLACE PAD  
AVAILABLE ON POSITIONS 7 THRU 50 ONLY

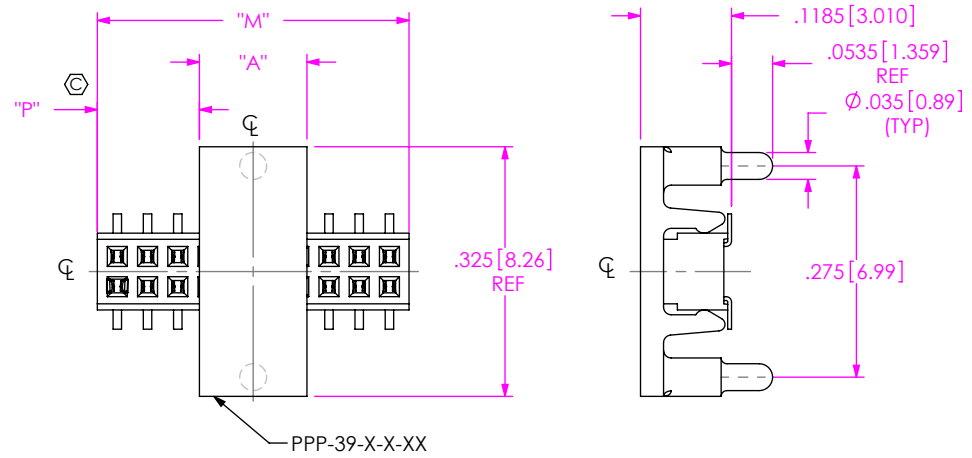


NOTE: "N" = USED MEASURED DIMENSION (REF)  
"Q" =  $\{("N" - .225[5.72]) / 2\} \pm .020[.51]$

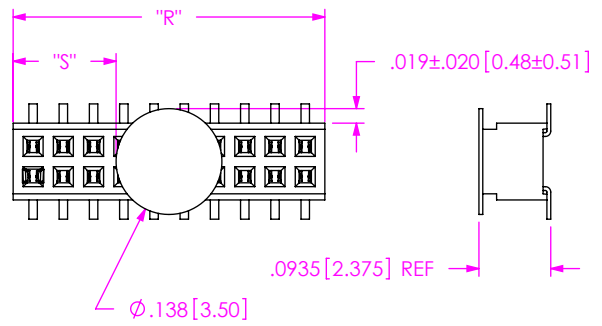
**FIG 5**  
-A: MOLDED ALIGNMENT PIN



**FIG 4**  
-PA: PICK & PLACE PAD WITH ALIGNMENT PINS



**FIG 6**  
-K: POLYAMIDE FILM PAD  
AVAILABLE ON POSITIONS 7 THRU 50 ONLY



NOTE: "R" = USED MEASURED DIMENSION (REF)  
"S" =  $\{("R" - .138[3.50]) / 2\} \pm .020[.51]$

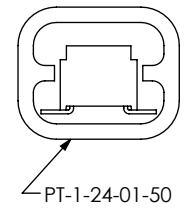
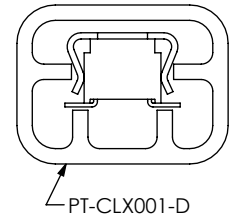
-PACKAGING  
(SEE NOTE 4)

**BH**

| TABLE 2<br>(INCLUDES -D & -D-BE) |               |       |
|----------------------------------|---------------|-------|
| OPTION                           | TUBE          | PLUG  |
| -P, -A-P                         | PT-CLX001-D   | TP-33 |
| -NONE<br>-A, -A-K,<br>-K         | PT-1-24-01-50 | TP-33 |

NOTE: ALL -PA OPTION PARTS SHIP IN EIA-960 TRAYS.

**BH**



| POS / ROW | "A"            | "M"                          | "P"                                 |
|-----------|----------------|------------------------------|-------------------------------------|
| 4-15      | .140[3.58] REF | USED MEASURED DIMENSION(REF) | $\{("M" - "A") / 2\} \pm .010[.25]$ |
| 16-50     | .280[7.11] REF |                              |                                     |

| POSITIONS |       | PAD            |
|-----------|-------|----------------|
| EVEN      | 4-14  | PPP-39-E-4-15  |
|           | 16-50 | PPP-39-E-16-50 |
| ODD       | 5-15  | PPP-39-O-4-15  |
|           | 17-49 | PPP-39-O-16-50 |

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e-Mail info@SAMTEC.com code 55322

DO NOT SCALE DRAWING

SHEET SCALE: 4:1

DESCRIPTION:  
LOW PROFILE 1MM x 1MM DOUBLE ROW BODY

DWG. NO. **CLM-1XX-XX-XX-D-XX**

BY: G. PURVIS 08/10/94 SHEET 2 OF 2