

DO NOT SCALE FROM THIS PRINT

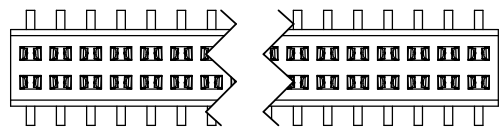


FIG 2  
(SAME AS FIG 1 EXCEPT INSULATOR)

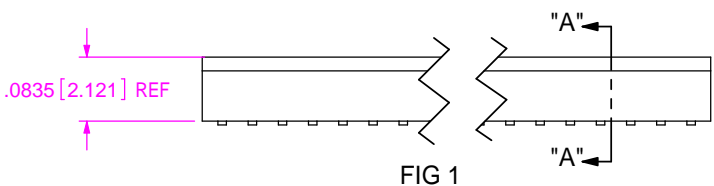
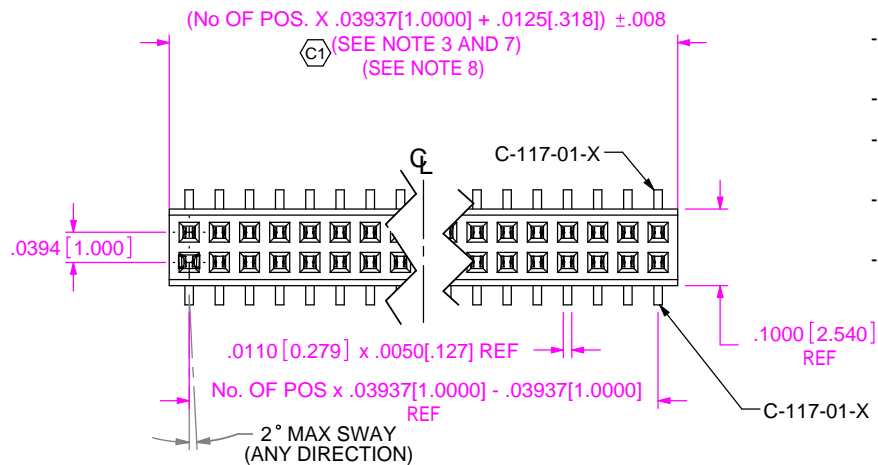
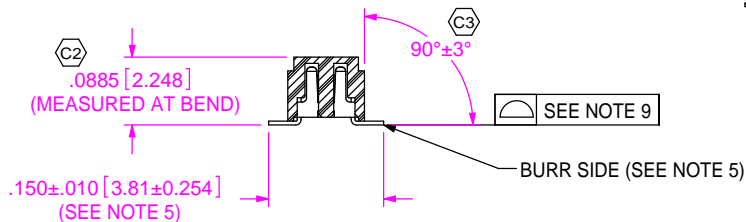


FIG 1



SECTION "A"-"A"  
SCALE 4 : 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)

BA PLATING SPECIFICATION

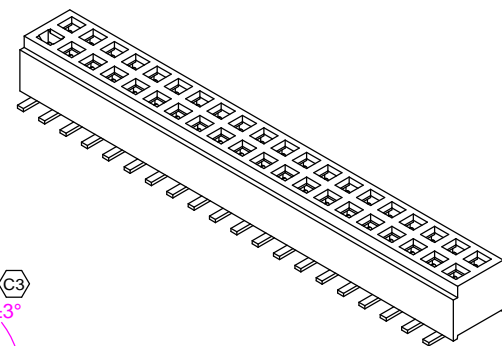
- F: 3μ" FLASH SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL (PRE-PLATED CONTACT)
- L: 10μ" LIGHT SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL (PRE-PLATED CONTACT)
- G: 10μ" GOLD IN CONTACT AREA 3μ" ON TAIL (POST-PLATED CONTACT)
- H: 30μ" HEAVY GOLD IN CONTACT AREA 3μ" ON TAIL (POST-PLATED CONTACT)
- 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 WITH SILICONE ADHESIVE)(SEE FIG 6, SHT 2) (USE K-500-300)

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]

PROPRIETARY NOTE

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520 PARK EAST BLVD, NEW ALBANY, IN 47150  
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e-Mail info@SAMTEC.com code 55322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1

BODY: LCP, UL 94 VO  
COLOR: BLACK

TERMINAL:  
PHOS BRONZE

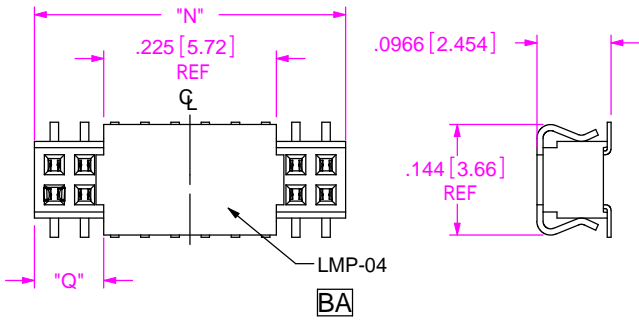
F:\DWG\MISC\MKTG\CLM-1XX-XX-XX-D-XX-MKT.SLDDRW

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

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

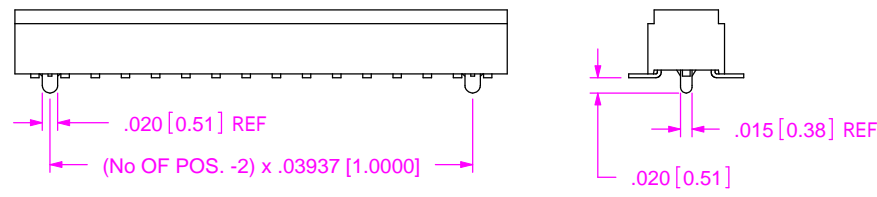
BY: G. PURVIS 08/10/94 SHEET 1 OF 2

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



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

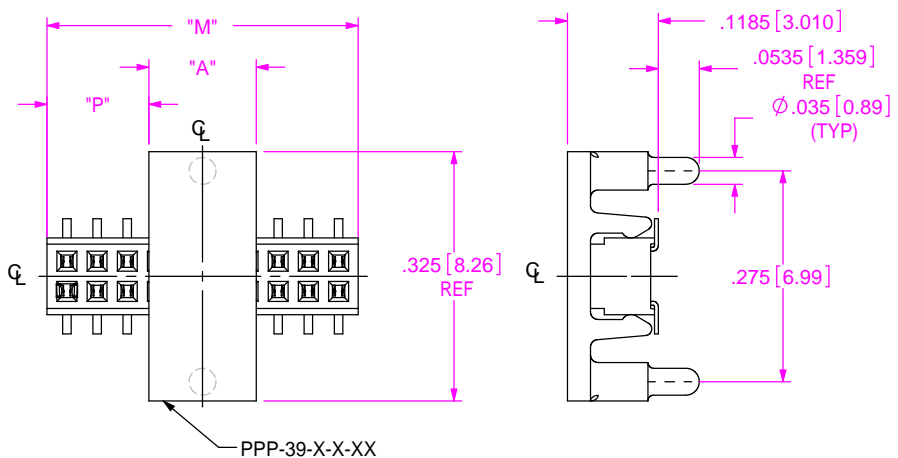
**FIG 5**  
-A: MOLDED ALIGNMENT PIN



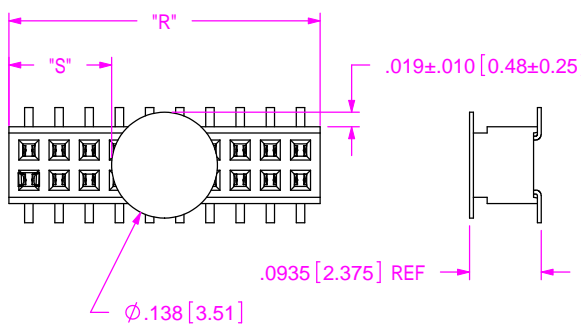
-PACKAGING  
(SEE NOTE 4)

OPTION	TUBE	PLUG
-P, -A-P	PT-CLX001-D	TP-33
-PA	PT-CLP001-PA	TP-09
-NONE -A, -A-K, -K	PT-1-24-01-50	TP-33

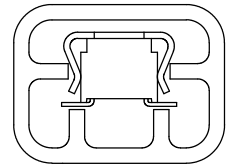
**FIG 4**  
-PA: PICK & PLACE PAD WITH ALIGNMENT PINS



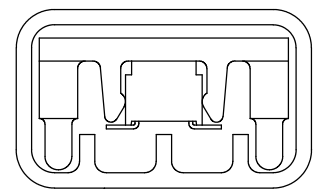
**FIG 6**  
-K: POLYAMIDE FILM PAD  
AVAILABLE ON POSITIONS 7 THRU 50 ONLY



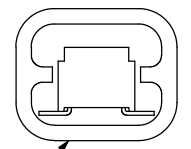
NOTE: "R" = USED MEASURED DIMENSION (REF)  
"S" =  $\{("R" - .138[3.50]) / 2\} \pm .020[.51]$



PT-CLX001-D



PT-CLP001-PA



PT-1-24-01-50

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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SHEET SCALE: 4:1



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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