

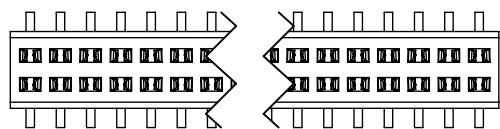
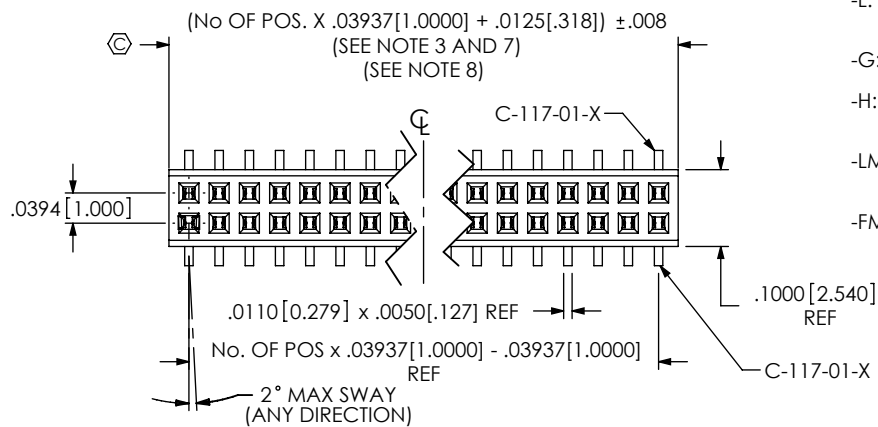
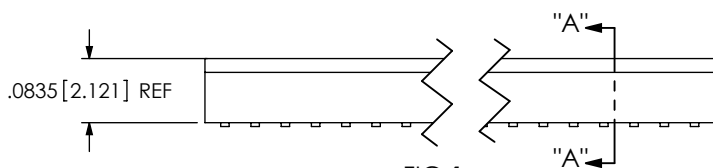
DO NOT
SCALE FROM
THIS PRINTFIG 2
(SAME AS FIG 1 EXCEPT INSULATOR)

FIG 1



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

No OF POSITIONS / ROW
-02 THRU -50LEAD STYLE SPEC
-02: SURFACE MOUNT
(USE C-117-01-X)

PLATING SPECIFICATION

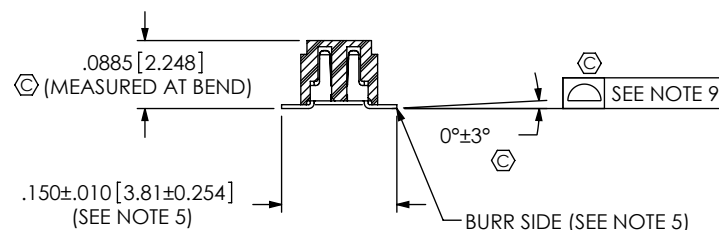
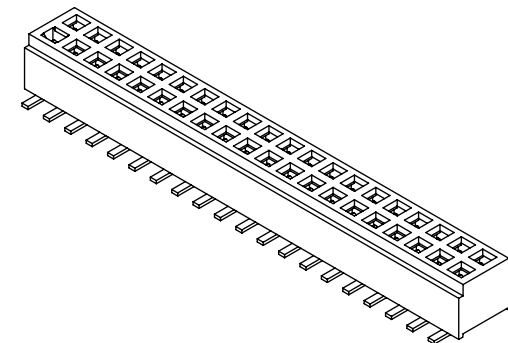
- F: 3μ" FLASH SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL (PRE-PLATED CONTACT)
- L: 10μ" LIGHT SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL (PRE-PLATED CONTACT)
- G: 10μ" GOLD IN CONTACT AREA 3μ" ON TAIL (POST-PLATED CONTACT)
- H: 30μ" HEAVY GOLD IN CONTACT AREA 3μ" ON TAIL (POST-PLATED CONTACT)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

SECTION "A"-A"
SCALE 4:1

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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MATERIAL: DO NOT SCALE DRAWING

BODY: LCP, UL 94 VO
COLOR: BLACKTERMINAL:
PHOS BRONZE

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

SHEET SCALE: 2:1

DESCRIPTION:

LOW PROFILE 1MM x 1MM DOUBLE ROW BODY

DWG. NO.

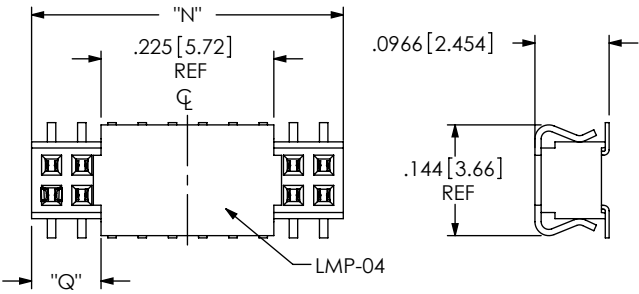
CLM-1XX-XX-XX-D-XX

BY: G. PURVIS 08/10/94

SHEET 1 OF 2

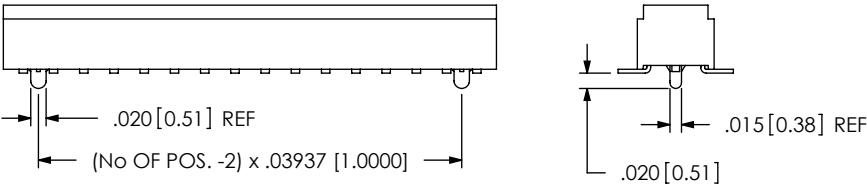
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

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} ±.020[.51]

FIG 5
-A: MOLDED ALIGNMENT PIN



-PACKAGING
(SEE NOTE 4)

TABLE 2 (INCLUDES -D & -D-BE)		
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

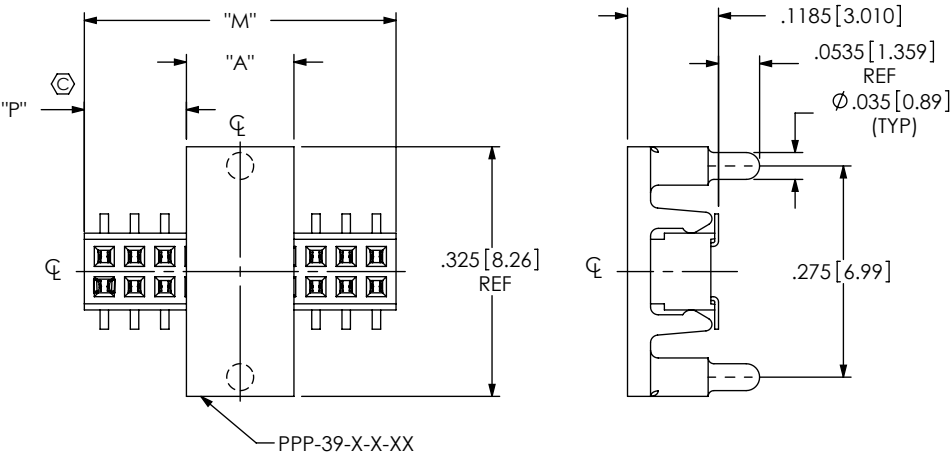
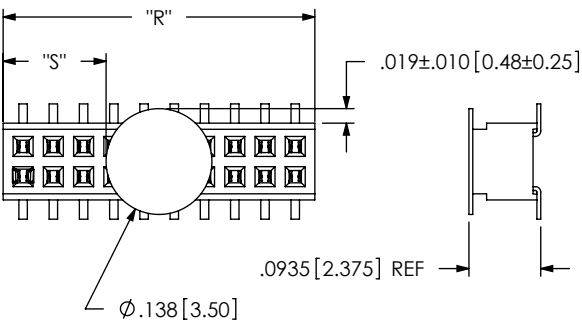


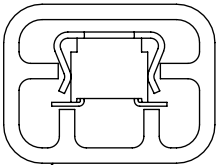
TABLE 1			
POS / ROW	"A"	"M"	"P"
4-15	.140[3.58] REF	USED MEASURED DIMENSION(REF)	{("M" - "A") / 2} ±.010[.25]
16-50	.280[7.11] REF		

TABLE 3		
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

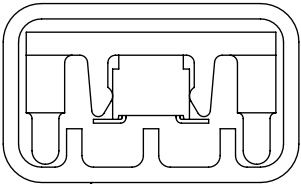
FIG 6
-K: POLYAMIDE FILM PAD
AVAILABLE ON POSITIONS 7 THRU 50 ONLY



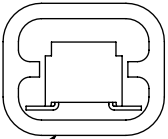
NOTE: "R" = USED MEASURED DIMENSION (REF)
"S" = {("R" - .138[3.50]) / 2} ±.020[.51]



PT-CLX001-D



PT-CLP001-PA



PT-1-24-01-50

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SHEET SCALE: 4:1

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:
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