

FIG 2
(SAME AS FIG 1 EXCEPT INSULATOR)

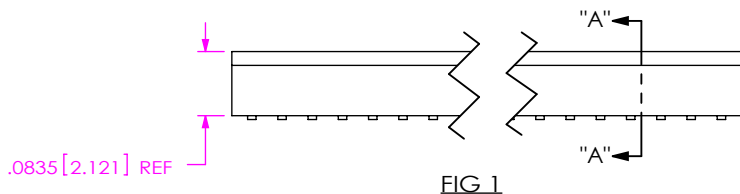
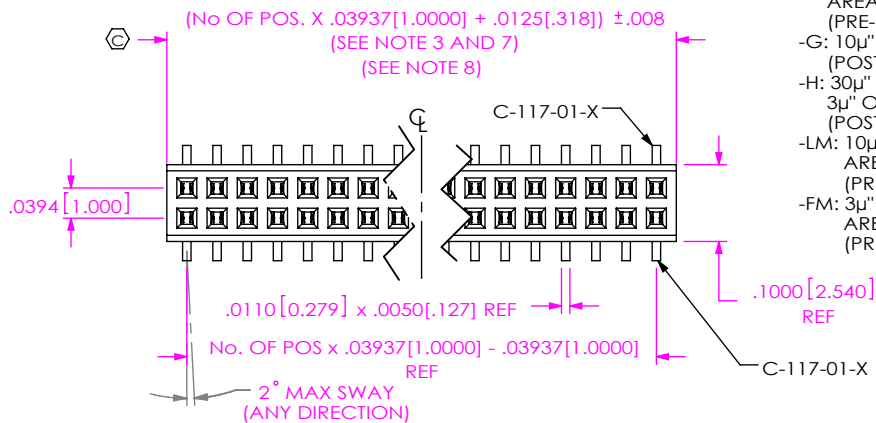


FIG 1

No OF POSITIONS / ROW
-02 THRU -50

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

PLATING SPECIFICATION

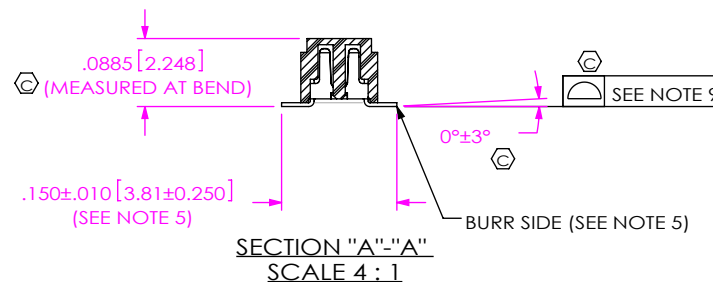
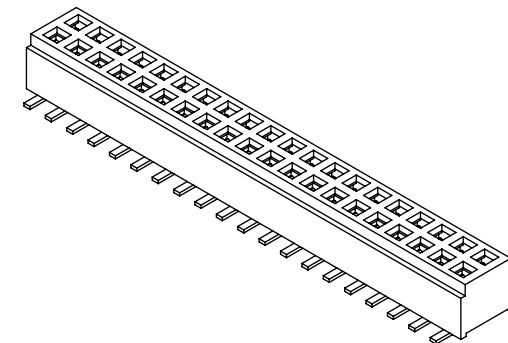
- F: 3μ" FLASH SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL (PRE-PLATED CONTACT)
- L: 10μ" LIGHT SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL (PRE-PLATED CONTACT)
- G: 10μ" GOLD IN CONTACT AREA 3μ" ON TAIL (POST-PLATED CONTACT)
- H: 30μ" HEAVY GOLD IN CONTACT AREA 3μ" ON TAIL (POST-PLATED CONTACT)
- 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 (POSITION 3 THRU 6 USE K-DOT-.098-.222-.005) (SEE FIG 7, SHT 2) (POSITION 7 THRU 50 USE K-DOT-.138-.250-.005) (SEE FIG 6, SHT 2)

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 THRU -50 ARE TO BE TUBED. POSITIONS -03 AND -04 WITH -K OPTION ARE TO BE TUBED. POSITIONS -03 AND -04 WITH -K-TR OPTION ARE TO BE TAPE & REEL PACKAGED. POSITION -02 OPTION IS TO BE LAYER PACKAGED ONLY.
5. SHEAR TAILS TO DIMENSIONS SHOWN. .003 MAX SHEAR BURR.
6. PARTS TO BE SYMMETRICAL ABOUT \mathcal{C} .
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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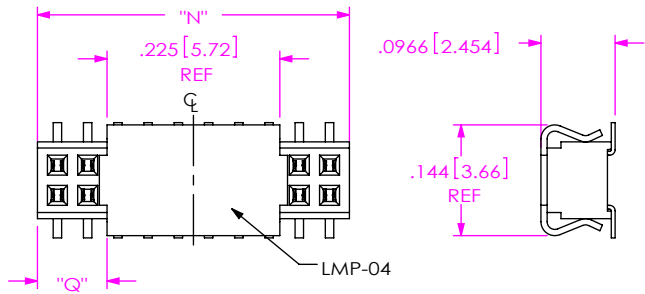


520 PARK EAST BLVD., NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

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

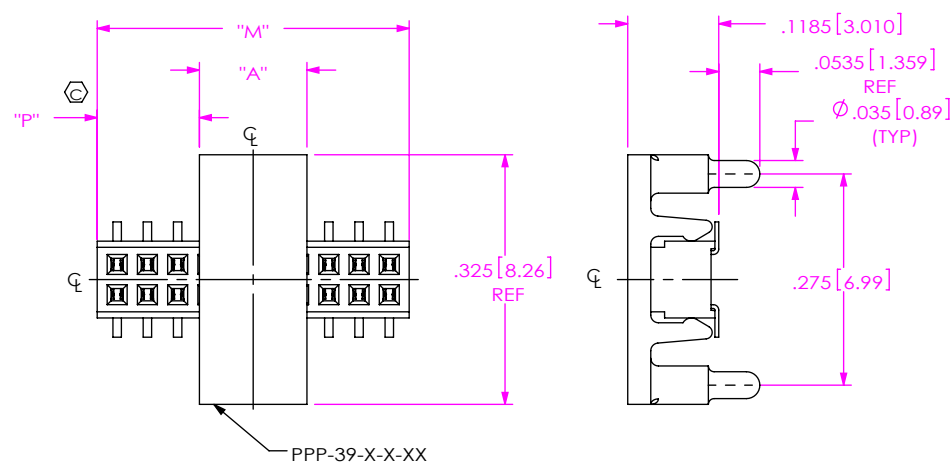
DESCRIPTION:
LOW PROFILE 1MM x 1MM DOUBLE ROW BODY
DWG. NO. CLM-1XX-XX-XX-D-XX
BY: G. PURVIS 08/10/94 SHEET 1 OF 2

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 4
-PA: PICK & PLACE PAD WITH ALIGNMENT PINS



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

FIG 5
-A: MOLDED ALIGNMENT PIN

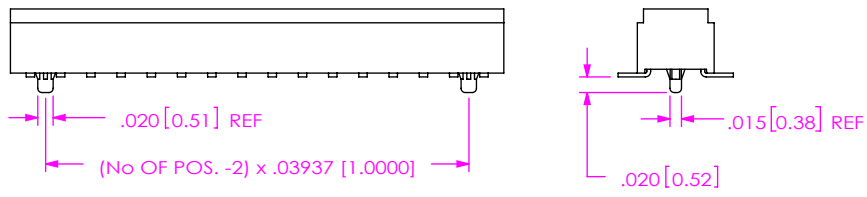
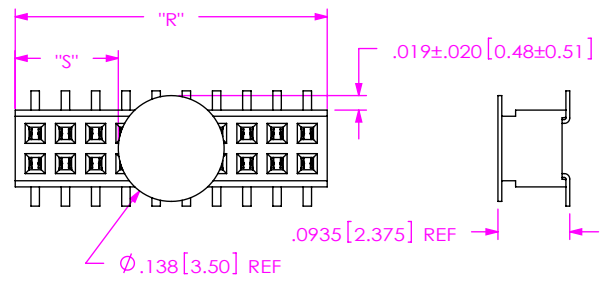
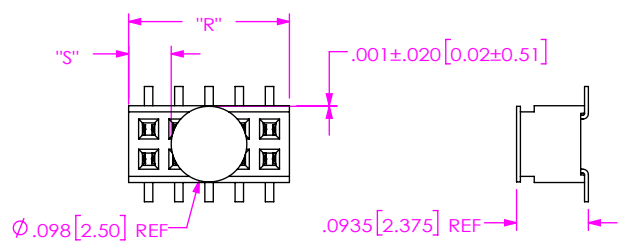


FIG 6
-K: POLYAMIDE FILM PAD
AVAILABLE ON POSITIONS 7 THRU 50 ONLY



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

FIG 7
-K: POLYAMIDE FILM PAD
AVAILABLE ON POSITIONS 3 THRU 6 ONLY

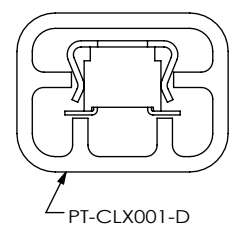


NOTE: "R" = USED MEASURED DIMENSION (REF)
"S" = $\{("R" - .098[2.49]) / 2\} \pm .020[.51]$

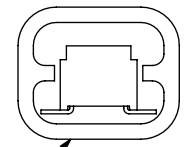
-PACKAGING
(SEE NOTE 4)

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

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



PT-CLX001-D



PT-1-24-01-50

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DO NOT SCALE DRAWING
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