

DO NOT SCALE FROM THIS PRINT

1. REPRESENTS A CRITICAL DIMENSION
2. MINIMUM PUSHOUT FORCE: .5LB (8 OZ)
3. ONE POSITION WILL BE LOST FOR EVERY CUT MADE ON A SOCKET STRIP
4. TUBE PACKAGE POSITIONS 5-50 ONLY. POSITIONS 2-4 ARE TO BE PLACED IN ANTISTATIC BUBBLE BAGS P/N ASBBLT4X5.5.
5. SHEAR TAILS TO DIMENSIONS SHOWN
6. PARTS TO BE SYMMETRICAL ABOUT ϕ WITHIN ± 0.015 [0.038].
7. ENDWALL AFTER CUTTING: $.0185$ [0.470] \pm $.0025$ [0.064]
8. VOID CORES MAY NOT BE PRESENT.
9. HAND FILL USE C-106-01-XX. AUTOMATION USE C-106-22-XX. C-106-02-XX CAN BE SUBBED FOR C-106-22-XX.
10. MAX CUT FLASH: $.010$ [0.27] WITH NO FLASH ALLOWED IN HOLES OR EXTENDING BELOW LEADS.
11. MAX BURR: $.005$ [0.13].
12. ALL -PA OPTION PARTS SHIP IN EIA-960 TRAYS.
13. DOES NOT APPLY TO -BE END OPTION.

CLP-1XX-XX-XXX-D-XX

No OF POSITIONS PER ROW

-02 THRU -50

LEAD STYLE SPEC

-02: SURFACE MOUNT (USE C-106-X2-XXX) (SEE NOTE 9)

OPTION

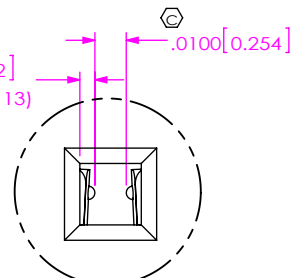
- P: PICK & PLACE PAD (USE LMP-01) (AVAILABLE ON POSITION -05 THRU -50 ONLY) (NOT AVAILABLE WITH -PA OR -K OPTIONS) (SEE FIG 3, SHT 2)
- A: ALIGNMENT PIN (USE CLP-XX-D-XX) (NOT AVAILABLE WITH -PA OPTION) (SEE FIG 2, SHT 2)
- TR: TAPE AND REEL
- BE: BOTTOM ENTRY ONLY (USE CLP-XX-DBE-XX)
- PA: PICK & PLACE PAD WITH ALIGNMENT PINS (NOT AVAILABLE WITH -P, -A, OR -K OPTIONS) (SEE SHT 2, TABLE 3) (SEE NOTE 12)
- K: POLYIMIDE FILM PAD (AVAILABLE ON -05 THRU -50 POSITIONS. USE K-DOT-157-.250-.005. (SEE FIG 5, SHT 2) (NOT AVAILABLE WITH -P OR -PA OPTIONS)

BODY SPEC

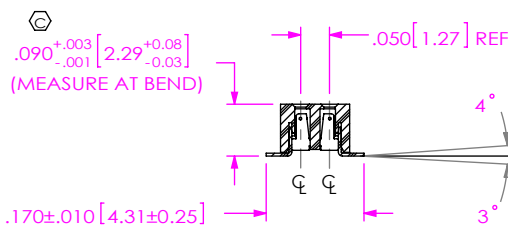
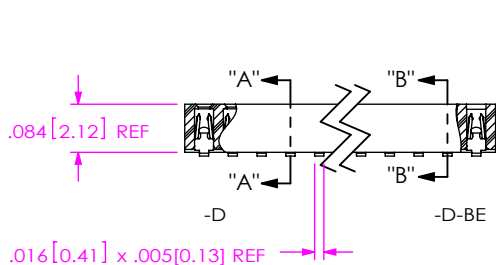
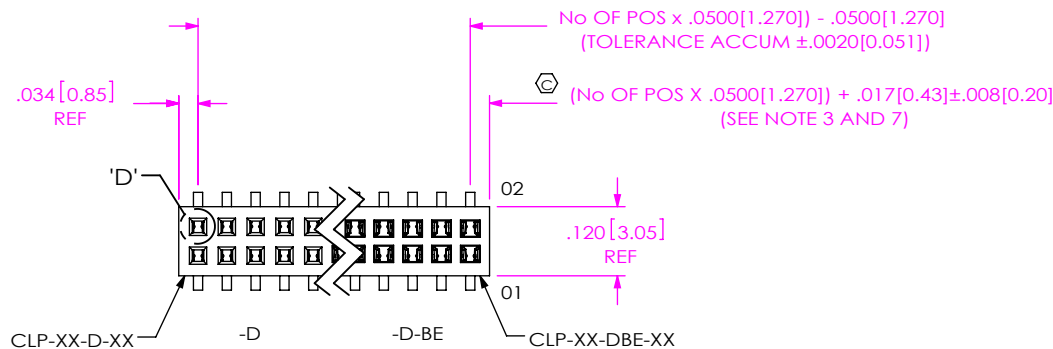
-D: DOUBLE ROW (USE CLP-XX-D)

PLATING SPEC

- F: 3 μ " FLASH SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL
- L: 10 μ " LIGHT SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL
- S: 30 μ " SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL
- G: 10 μ " GOLD IN CONTACT AREA 3 μ ON TAIL
- H: 30 μ " HEAVY GOLD IN CONTACT AREA 3 μ " ON TAIL
- LM: 10 μ " LIGHT SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL
- FM: 3 μ " FLASH SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL
- SM: 30 μ " SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL
- LTL: 10 μ " LIGHT SELECTIVE GOLD IN CONTACT AREA TIN/LEAD (90/10+/-5%) TAIL

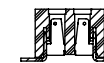


DETAIL 'D' SCALE 16:1



SECTION "A"-"A" (-D BODY: CLP-XX-D-XX)

	.004 [0.10]	POS. 02-35
	.006 [0.15]	POS. 36-50



SECTION "B"-"B" (-D-BE BODY: CLP-XX-DBE-XX) (DIFFERENT AS SHOWN, OTHERWISE SAME AS -D BODY)

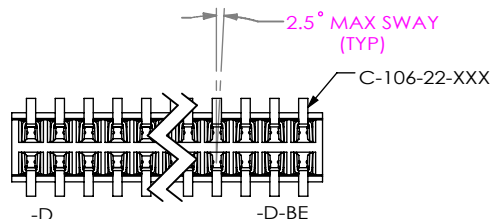
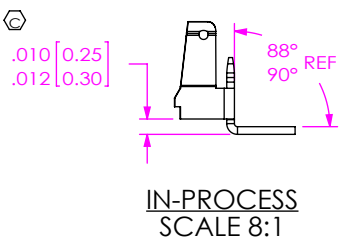


FIG 1

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:
 DECIMALS ANGLES
 .XX: ± 0.01 [3] 2°
 .XXX: ± 0.005 [13]
 .XXXX: ± 0.0020 [051]

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520 PARK EAST BLVD. NEW ALBANY, IN 47150
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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 3:1
 INSULATOR: LCP, UL 94 VO, COLOR: BLACK
 CONTACT: PHOS BRONZE

DESCRIPTION:
 LOW PROFILE .050 x .050 DOUBLE ROW ASM
 DWG. NO. CLP-1XX-XX-XXX-D-XX

AVAILABLE ON POSITIONS 05 THRU 50 ONLY
 NOTE: "N" = USED MEASURED DIMENSION (REF)
 "Q" = $\{("N" - .250[6.35])/2\} \pm .020[0.51]$

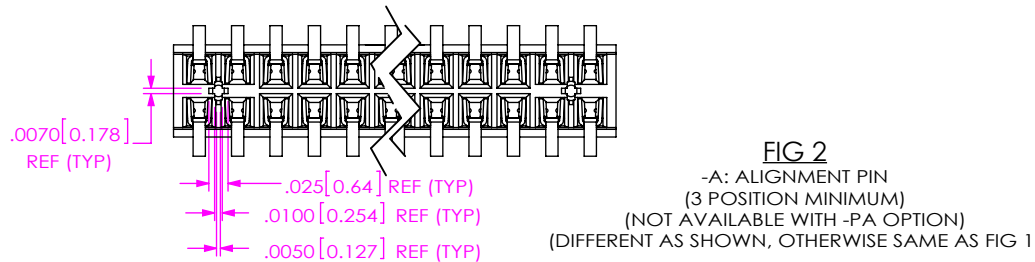
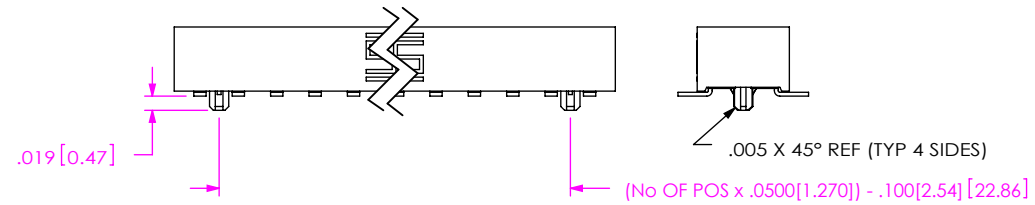


FIG 2
 -A: ALIGNMENT PIN
 (3 POSITION MINIMUM)
 (NOT AVAILABLE WITH -PA OPTION)
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

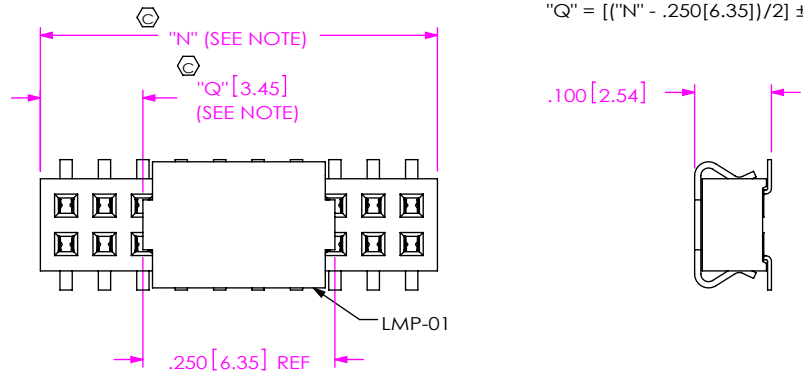


FIG 3
 -P: PICK AND PLACE PAD
 (AVAILABLE ON POSITION 05 THRU 50 ONLY)
 (NOT AVAILABLE WITH -PA OR -K OPTIONS)

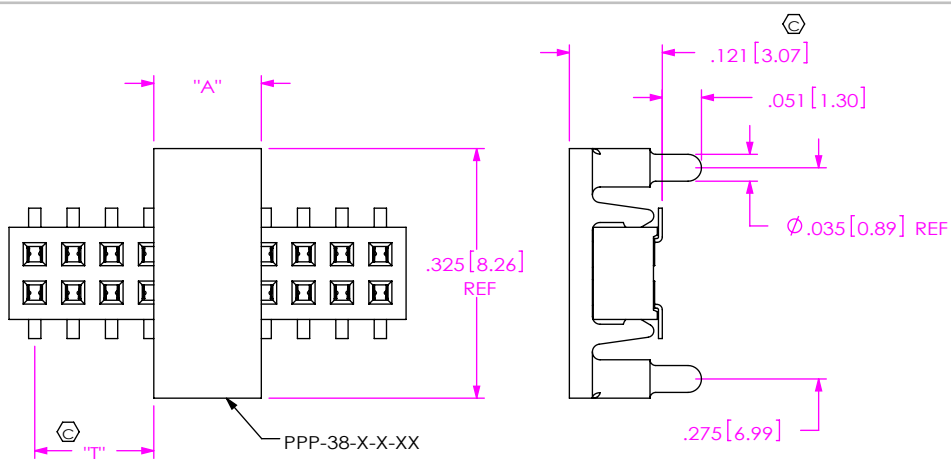


FIG 4
 -PA: PICK & PLACE PAD WITH ALIGNMENT PINS
 (NOT AVAILABLE WITH -P, -A OR -K OPTIONS)

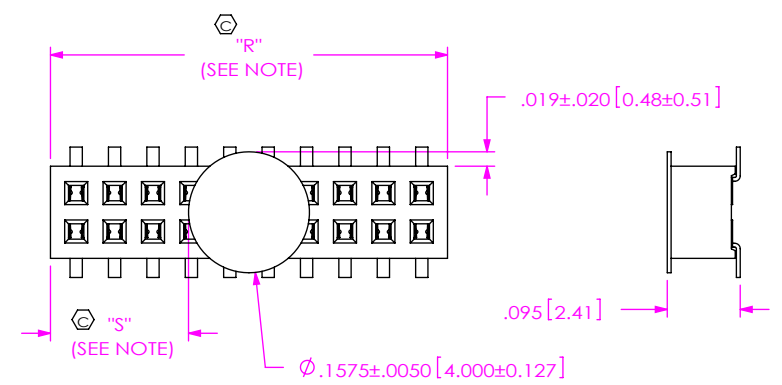


FIG 5
 -K: POLYIMIDE FILM PAD
 (AVAILABLE ON POSITION 05 THRU 50 ONLY)
 (NOT AVAILABLE WITH -P OR -PA OPTIONS)

NOTE: "R" = USED MEASURED DIMENSION (REF)
 "S" = $\{("R" - .1575[4.000])/2\} \pm .020[0.51]$

TABLE 3				
POS/ROW	PIN COUNT	PAD	"A"	"T"
4-15	ODD	PPP-38-O-4-15	.140 [3.56] REF	(((No OF POS.-1)/2)x .050[1.27])-.070[1.78]
	EVEN	PPP-38-E-4-15		
16-50	ODD	PPP-38-O-16-50	.280 [7.11] REF	(((No OF POS.-1)/2)x .050[1.27])-.140[3.56]
	EVEN	PPP-38-E-16-50		

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 SHEET SCALE: 4:1



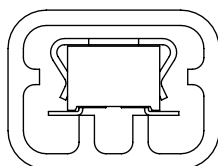
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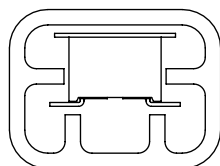
CLP-1 XX-XX-XXX-D-XX

BY: PURVIS 01/31/1994 SHEET 2 OF 3

PACKAGING
(SEE NOTE 4, SHEET 1)



PT-CLX-002-D



PT-CLX-001-D

TABLE 2		
OPTION	TUBE	PLUG
NONE, -A	PT-CLX001-D	TP-33
-P, -A-P	PT-CLX002-D	TP-33
-A-K, -K	PT-CLX001-D	TP-33

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