



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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 \bar{C} 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

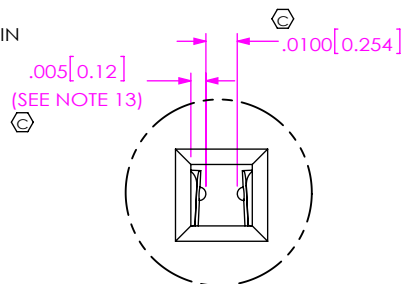
- P: PICK & PLACE PAD (USE LMP-01) (AVAILABLE ON POSITION -05 THRU -50 ONLY) (NOT AVAILABLE WITH -PA OR -K OPTIONS) (SEE FIG 3, SHT 2)
- A: ALIGNMENT PIN (USE CLP-XX-D-XX) (NOT AVAILABLE WITH -PA OPTION) (SEE FIG 2, SHT 2)
- TR: TAPE AND REEL
- BE: BOTTOM ENTRY ONLY (USE CLP-XX-DBE-XX)
- PA: PICK & PLACE 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

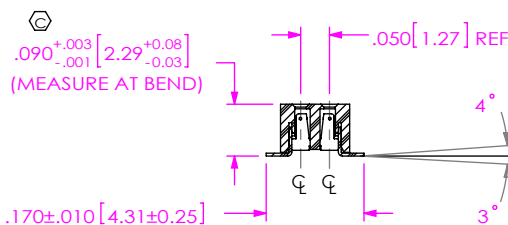
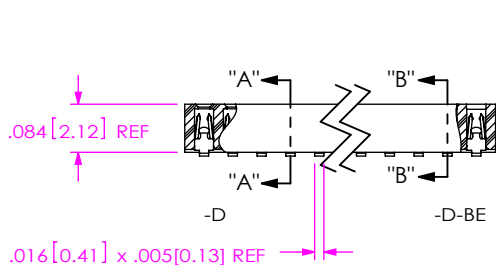
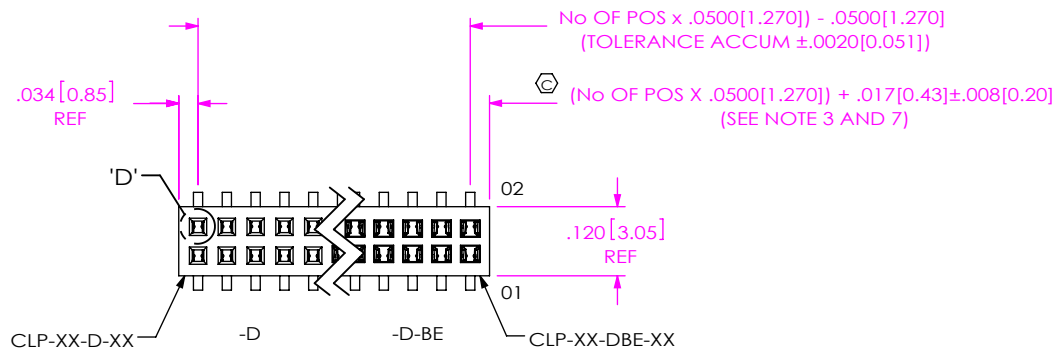
-D: DOUBLE ROW (USE CLP-XX-D)

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

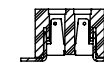


DETAIL 'D' SCALE 16:1



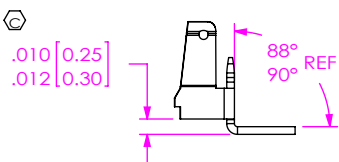
SECTION "A"-"A" (-D BODY: CLP-XX-D-XX)

	.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)



IN-PROCESS SCALE 8:1

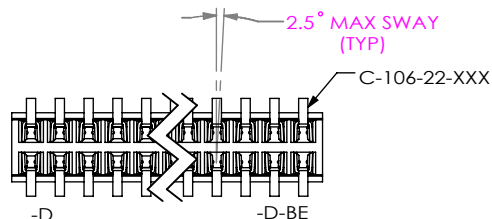


FIG 1

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:
 DECIMALS ANGLES
 .XX: ± 0.01 [0.3] 2°
 .XXX: ± 0.005 [0.13]
 .XXXX: ± 0.0020 [0.051]

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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

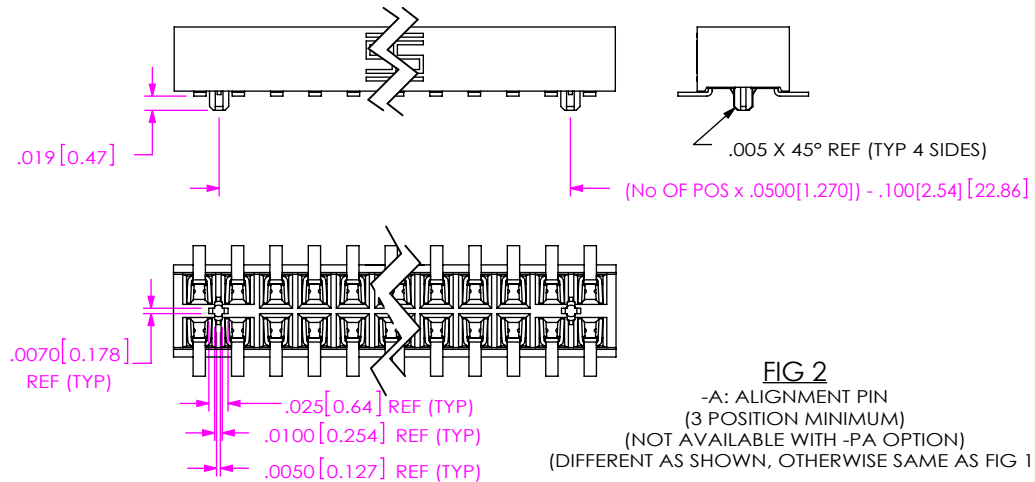


FIG 2
 -A: ALIGNMENT PIN
 (3 POSITION MINIMUM)
 (NOT AVAILABLE WITH -PA OPTION)
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

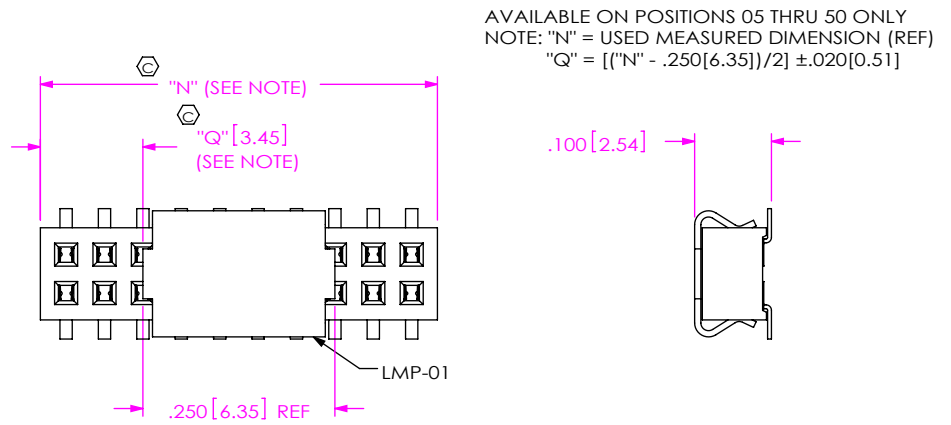


FIG 3
 -P: PICK AND PLACE PAD
 (AVAILABLE ON POSITION 05 THRU 50 ONLY)
 (NOT AVAILABLE WITH -PA OR -K OPTIONS)

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

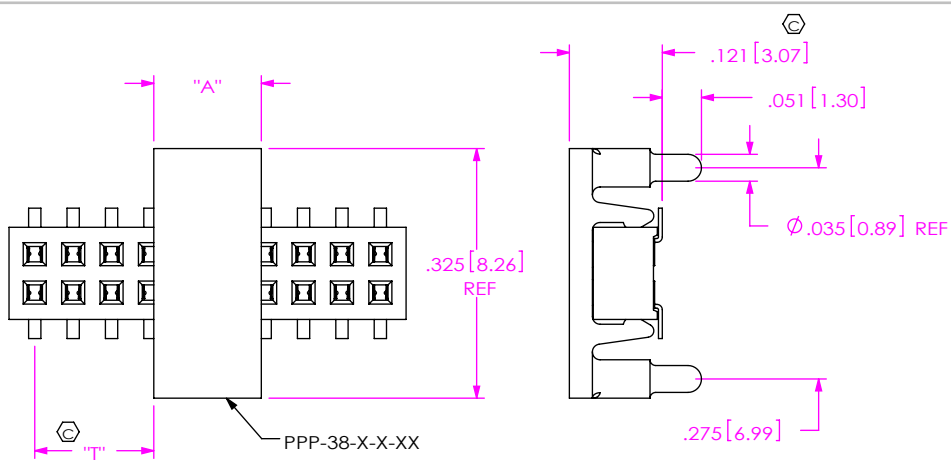


FIG 4
 -PA: PICK & PLACE PAD WITH ALIGNMENT PINS
 (NOT AVAILABLE WITH -P, -A OR -K OPTIONS)

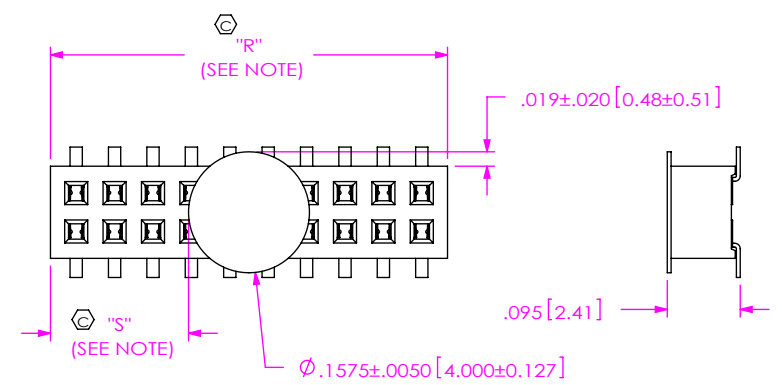


FIG 5
 -K: POLYIMIDE FILM PAD
 (AVAILABLE ON POSITION 05 THRU 50 ONLY)
 (NOT AVAILABLE WITH -P OR -PA OPTIONS)

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	$\{((\text{No OF POS} - 1)/2) \times .050[1.27]\} - .070[1.78]$
	EVEN	PPP-38-E-4-15		
16-50	ODD	PPP-38-O-16-50	.280 [7.11] REF	$\{((\text{No OF POS} - 1)/2) \times .050[1.27]\} - .140[3.56]$
	EVEN	PPP-38-E-16-50		

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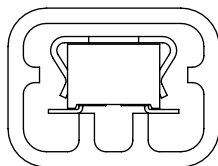
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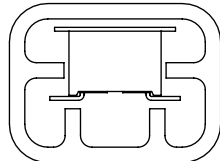
CLP-1XX-XX-XXX-D-XX

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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DWG. NO. **CLP-1 XX-XX-XXX-D-XX**

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