

DO NOT SCALE FROM THIS PRINT

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

NOTES:

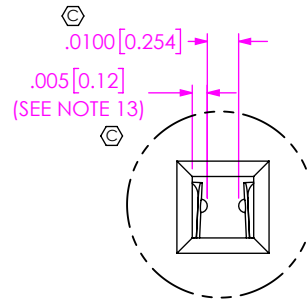
1.  $\text{\textcircled{C}}$  REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: .5LB (8 OZ).
3. ONE POSITION WILL BE LOST FOR EVERY CUT MADE ON A SOCKET STRIP.
4. TUBE PACKAGE POSITIONS 5-50 ONLY. POSITIONS 2-4 ARE TO BE PLACED IN ANTISTATIC BUBBLE BAGS P/N ASBBLT4X5.5.
5. SHEAR TAILS TO DIMENSIONS SHOWN.
6. NOTE DELETED.
7. TAIL SIDE ENDWALL AFTER CUTTING: .0160[0.406]±.0025[0.064].
8. VOID CORES MAY NOT BE PRESENT.
9. HAND FILL USE C-106-01-XX.  
CAN'T HAND FILL -STL & -LTL-PLATING.  
AUTOMATION USE C-106-22-XX. C-106-02-XX CAN BE SUBBED FOR C-106-22-XX.  
FOR -LTL AND -STL PLATING USE SUB-C-106-X2-XTL PINS
10. MAX CUT FLASH: .010[0.25] X .020[0.51] (HEIGHT X WIDTH) WITH NO FLASH ALLOWED IN HOLES OR EXTENDING BELOW LEADS.
11. MAX BURR: .005[.13].
12. -PA OPTION MUST SHIP IN -TR, -FR OR TRAYS. LEAVE PACKAGING OPTION BLANK FOR TRAYS.
13. DOES NOT APPLY TO -BE END OPTION.
14. NOTE DELETED.
15. NOTE DELETED.
16. TUBES ARE STANDARD PACKAGING.
17. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM
18. ATTACH LABEL -4x2 TO EACH REEL.

No OF POSITIONS PER ROW

-02 THRU -50

LEAD STYLE SPEC

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



PICK & PLACE OPTION

BLANK: TUBES (SEE NOTES 16 & 17)  
-TR: TAPE AND REEL (SEE NOTE 17 & 18)  
-FR: FULL REEL QTY. TAPE & REEL (SEE NOTE 17 & 18)

PICK & PLACE OPTION

-P: PICK & PLACE PAD (USE LMP-01)  
(AVAILABLE ON POSITON -05 THRU -50 ONLY)  
(NOT AVAILABLE WITH -PA OR -K OPTIONS)  
(SEE FIG 3, SHT 2)  
-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 -03 THRU -50 POSITIONS. USE K-DOT-.157-.250-.005) (AVAILABLE ON -02 POSITIONS. USE K-DOT-.118-.219-.005) (SEE FIG 5, SHT 2)(NOT AVAILABLE WITH -P OR -PA OPTIONS)

OPTION

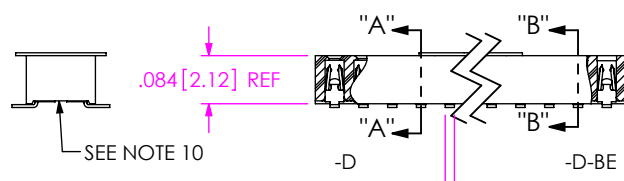
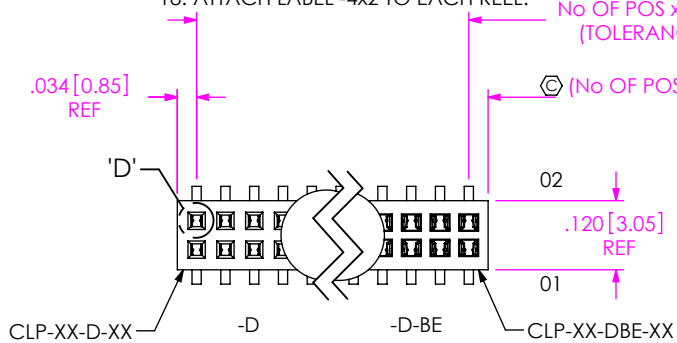
-A: ALIGNMENT PIN (USE CLP-XX-D-XX)  
(NOT AVAILABLE WITH -PA OPTION)  
(SEE FIG 2, SHT 2)  
-BE: BOTTOM ENTRY ONLY (USE CLP-XX-DBE-XX)

BODY SPEC

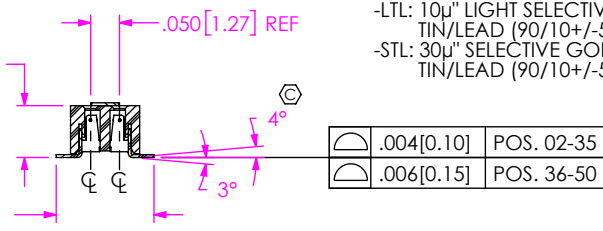
-D: DOUBLE ROW  
(USE CLP-XX-D)

PLATING SPEC

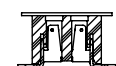
-F: 3µ" FLASH SELECTIVE GOLD IN CONTACT AREA  
MATTE TIN ON TAIL  
-L: 10µ" LIGHT SELECTIVE GOLD IN CONTACT AREA  
MATTE TIN ON TAIL  
-S: 30µ" SELECTIVE GOLD IN CONTACT AREA  
MATTE TIN ON TAIL  
-G: 10µ" GOLD IN CONTACT AREA  
3µ" ON TAIL  
-H: 30µ" HEAVY GOLD IN CONTACT AREA  
3µ" ON TAIL  
-LM: 10µ" LIGHT SELECTIVE GOLD IN CONTACT AREA  
MATTE TIN ON TAIL  
-FM: 3µ" FLASH SELECTIVE GOLD IN CONTACT AREA  
MATTE TIN ON TAIL  
-SM: 30µ" SELECTIVE GOLD IN CONTACT AREA  
MATTE TIN ON TAIL  
-LTL: 10µ" LIGHT SELECTIVE GOLD IN CONTACT AREA  
TIN/LEAD (90/10+/-5%) TAIL (SEE NOTE 9)  
-STL: 30µ" SELECTIVE GOLD IN CONTACT AREA  
TIN/LEAD (90/10+/-5%) TAIL (SEE NOTE 9)



.090<sup>+0.003</sup><sub>-.001</sub> [2.29<sup>+0.08</sup><sub>-.003</sub>] (MEASURE AT BEND)

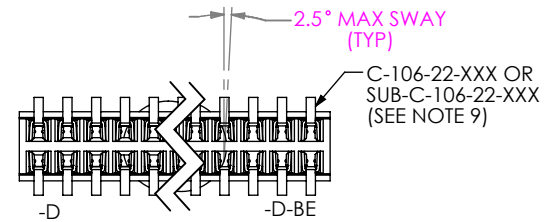
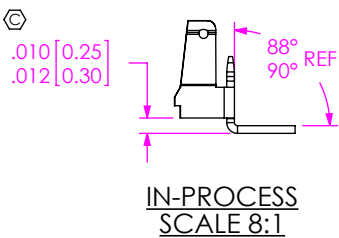


	.004[0.10]	POS. 02-35
	.006[0.15]	POS. 36-50



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

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



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:  
DECIMALS ANGLES  
.XX: ±.01 [.3] 2°  
.XXX: ±.005 [.13]  
.XXXX: ±.0020 [.051]

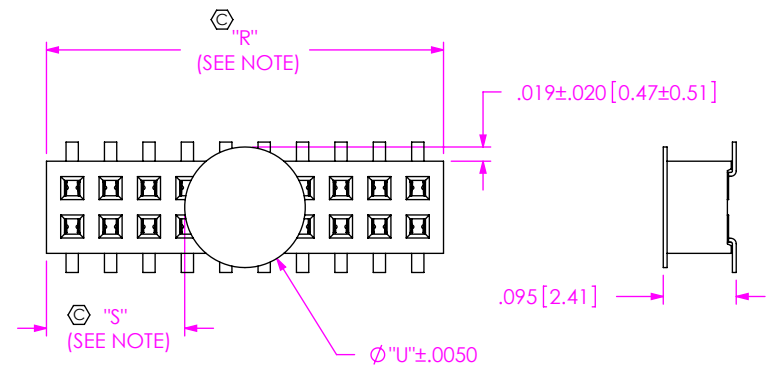
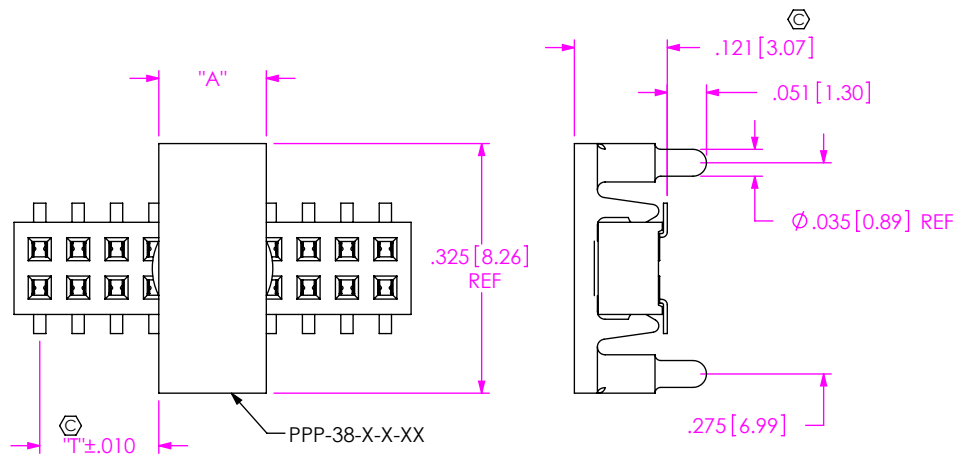
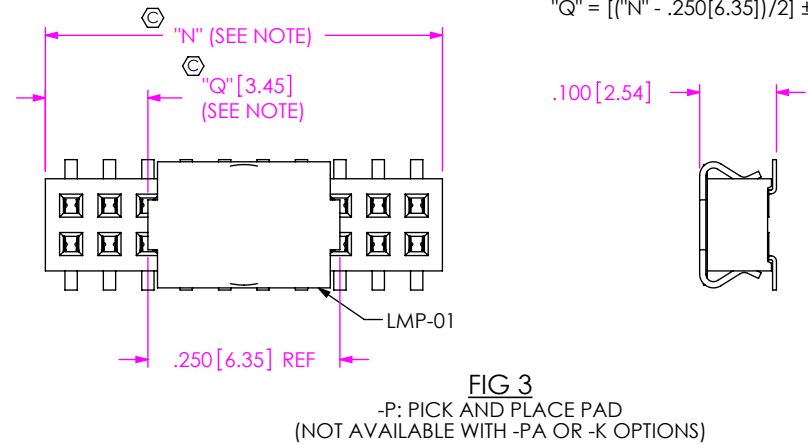
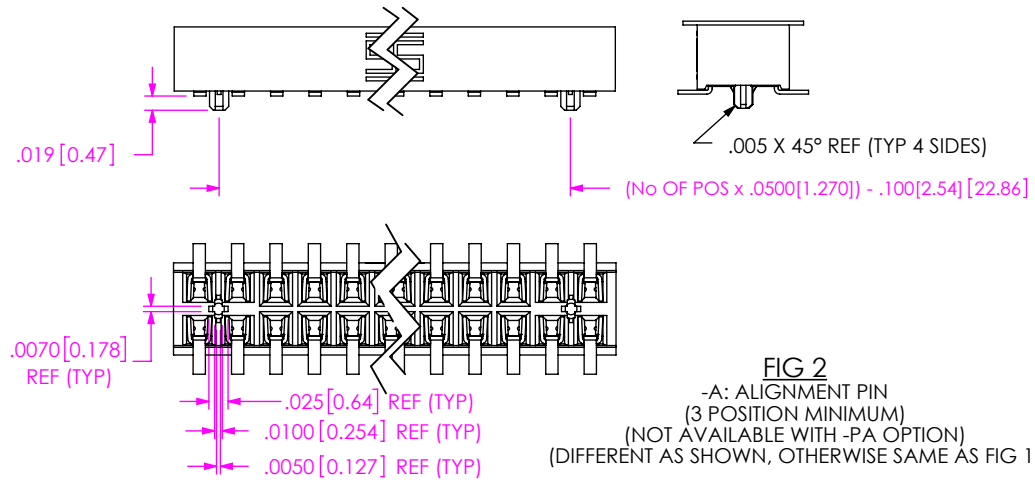
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520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code 53322

MATERIAL: DO NOT SCALE DRAWING	SHEET SCALE: 3:1	DESCRIPTION: LOW PROFILE .050 x .050 DOUBLE ROW ASM
INSULATOR: LCP, UL 94 VO, COLOR: BLACK	CONTACT: PHOS BRONZE	DWG. NO. CLP-1XX-XX-XXX-D-XX-XX-XX
F:\DWG\MISC\MKTG\CLP-1XX-XX-XXX-D-XX-XX-XX-MKT.SLDDRW	BY: PURVIS	01/31/1994 SHEET 1 OF 3

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



NOTE: "R" = USED MEASURED DIMENSION (REF)  
 "S" ON -03 THRU -50 POS =  $\{(\text{"R"} - .1575[4.000])/2\} \pm .020[0.51]$   
 "S" ON -02 POS =  $\{(\text{"R"} - .1180[2.997])/2\} \pm .020[0.51]$   
 "U" ON -03 THRU -50 POS = .1575 [4.000]  
 "U" ON -02 POS = .118 [2.997]

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		

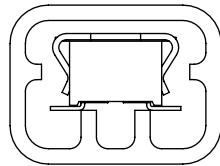
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 SHEET SCALE: 4:1

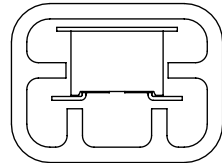
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DESCRIPTION:  
 LOW PROFILE .050 x .050 DOUBLE ROW ASM  
 DWG. NO.  
**CLP-1XX-XX-XXX-D-XX-XX-XX**  
 BY: PURVIS 01/31/1994 SHEET 2 OF 3

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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SHEET SCALE: 4:1



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

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