

DO NOT SCALE FROM THIS PRINT

- ⊕ REPRESENTS A CRITICAL DIMENSION.
- MINIMUM PUSHOUT FORCE: .5LB (8 OZ).
- ONE POSITION WILL BE LOST FOR EVERY CUT MADE ON A SOCKET STRIP.
- TUBE PACKAGE POSITIONS 5-50 ONLY. POSITIONS 2-4 ARE TO BE PLACED IN ANTISTATIC BUBBLE BAGS P/N ASBBLT4X5.5.
- SHEAR TAILS TO DIMENSIONS SHOWN.
- NOTE DELETED.
- TAIL SIDE ENDWALL AFTER CUTTING: .0160[0.406]±.0025[0.064].
- VOID CORES MAY NOT BE PRESENT.
- 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].
- ALL -PA OPTION PARTS SHIP IN EIA-960 TRAYS.
- DOES NOT APPLY TO -BE END OPTION.
- TR OPTION ORDERS INVOLVING PARTIAL REEL QUANTITIES MAY BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
- FR OPTIONS WILL BE SHIPPED AT THE MAX QUANTITY PER REEL, BASED ON OPTIONS SELECTED.

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

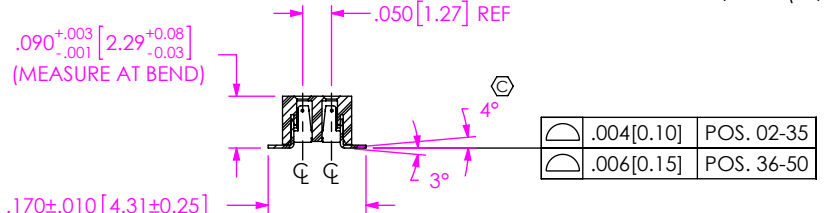
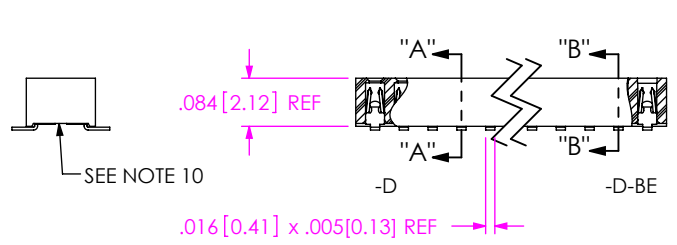
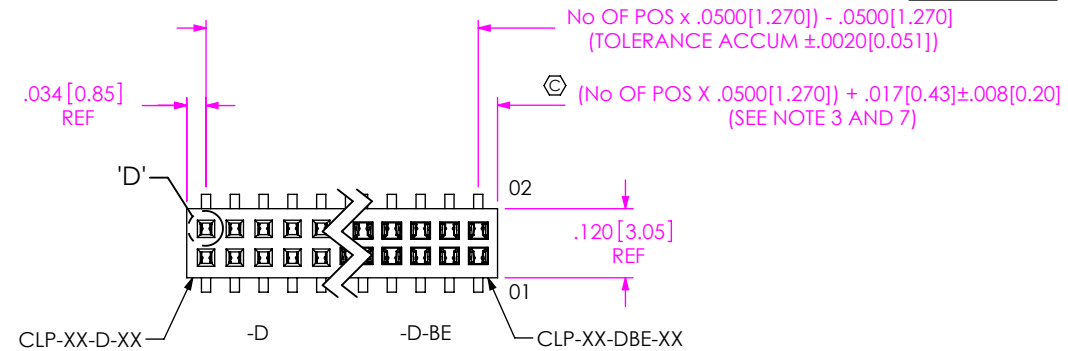
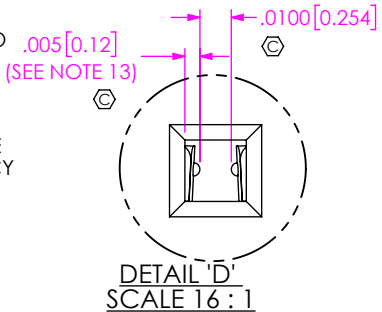
No OF POSITIONS PER ROW  
-02 THRU -50

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

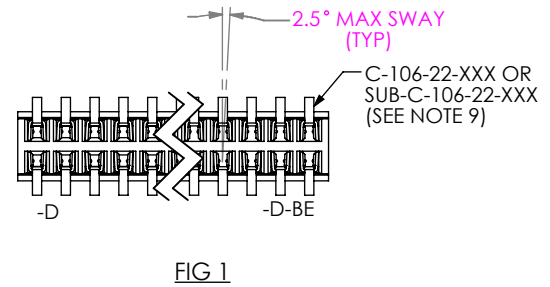
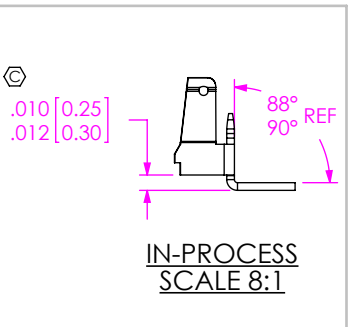
OPTION  
-P: PICK & PLACE PAD (USE LMP-01)  
(AVAILABLE ON POSITION -05 THRU -50 ONLY)  
(NOT AVAILABLE WITH -PA OR -K OPTIONS)  
(SEE FIG 3, SHT 2)  
-A: ALIGNMENT PIN (USE CLP-XX-D-XX)  
(NOT AVAILABLE WITH -PA OPTION)  
(SEE FIG 2, SHT 2)  
-TR: TAPE AND REEL (SEE NOTE 14)  
-BE: BOTTOM ENTRY ONLY (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 -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)  
-FR: FULL REEL QTY. TAPE & REEL (SEE NOTE 15)

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)



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

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 3:1

INSULATOR: LCP, UL 94 VO, COLOR: BLACK  
CONTACT: PHOS BRONZE

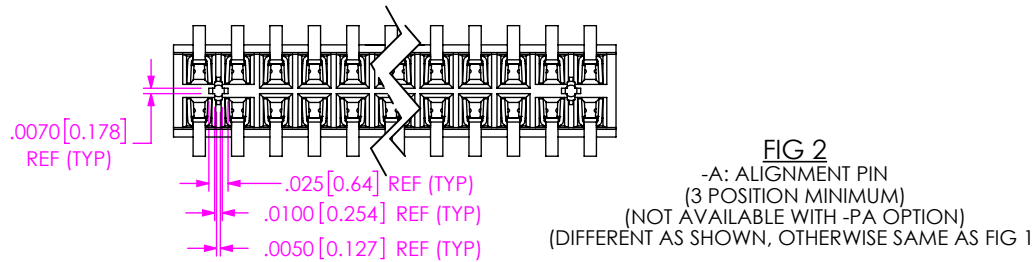
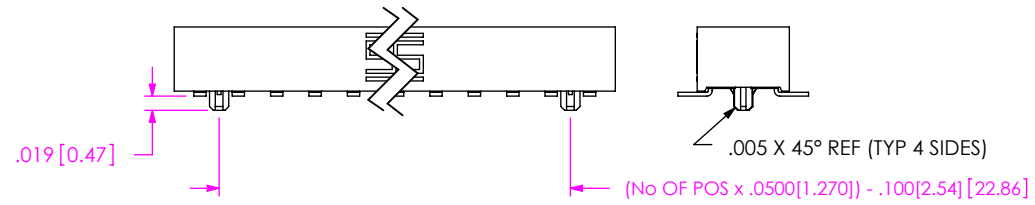
DESCRIPTION:  
LOW PROFILE .050 x .050 DOUBLE ROW ASM

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

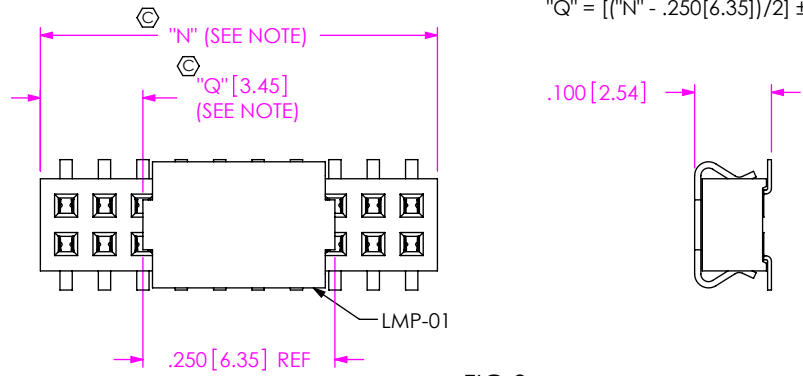
BY: PURVIS 01/31/1994 SHEET 1 OF 3



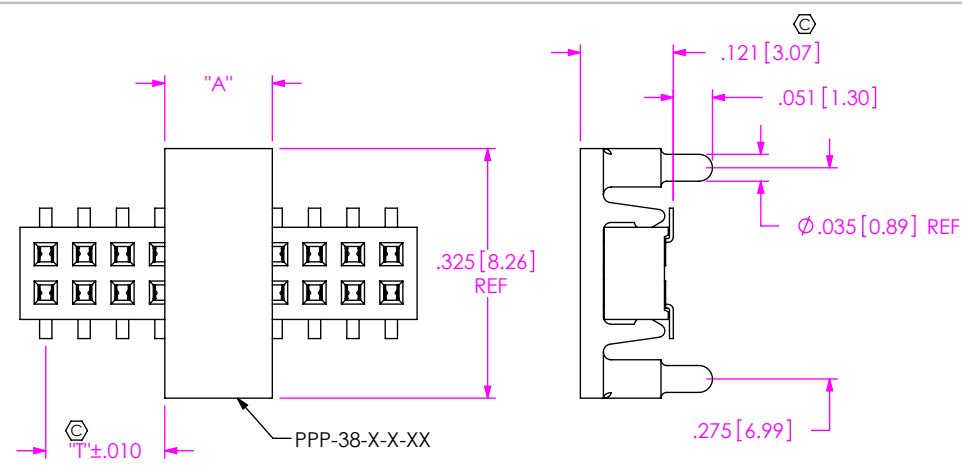
AVAILABLE ON POSITIONS 05 THRU 50 ONLY  
 NOTE: "N" = USED MEASURED DIMENSION (REF)  
 "Q" =  $\{("N" - .250[6.35])/2\} \pm .020[0.51]$



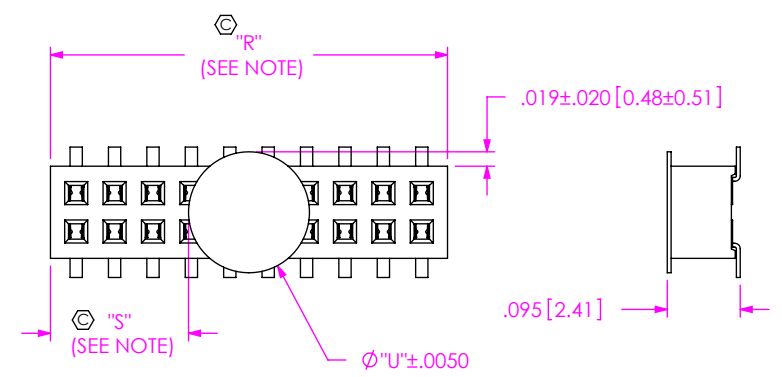
**FIG 2**  
 -A: ALIGNMENT PIN  
 (3 POSITION MINIMUM)  
 (NOT AVAILABLE WITH -PA OPTION)  
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



**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" ON -03 THRU -50 POS =  $\{("R" - .1575[4.000])/2\} \pm .020[0.51]$   
 "S" ON -02 POS =  $\{("R" - .1180[2.997])/2\} \pm .020[0.51]$   
 "U" ON -03 THRU -50 POS = .1575 [4.000]  
 "U" ON -02 POS = .118 [2.997]

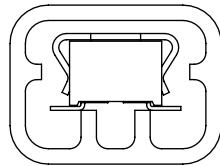
TABLE 3				
POS/ROW	PIN COUNT	PAD	"A"	"T"
4-15	ODD	PPP-38-O-4-15	.140 [3.56] REF	$\{((\text{No OF POS} - 1)/2) \times .050[1.27]\} - .070[1.78]$
	EVEN	PPP-38-E-4-15		
16-50	ODD	PPP-38-O-16-50	.280 [7.11] REF	$\{((\text{No OF POS} - 1)/2) \times .050[1.27]\} - .140[3.56]$
	EVEN	PPP-38-E-16-50		

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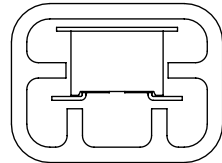
**samtec**  
 520 PARK EAST BLVD, NEW ALBANY, IN 47150  
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 e-Mail info@SAMTEC.com code 55322

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

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