

DO NOT
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THIS PRINT

1. 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. ALL -PA OPTION PARTS SHIP IN EIA-960 TRAYS.
13. DOES NOT APPLY TO -BE END OPTION.
14. -TR OPTION ORDERS INVOLVING PARTIAL REEL QUANTITIES MAY BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
15. -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

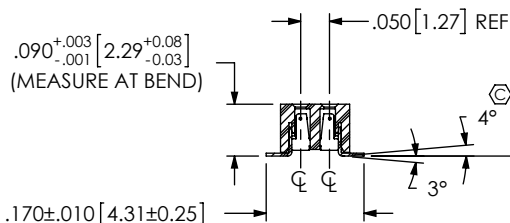
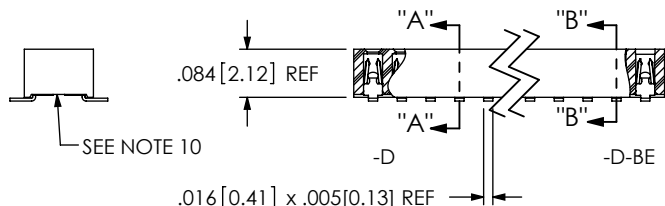
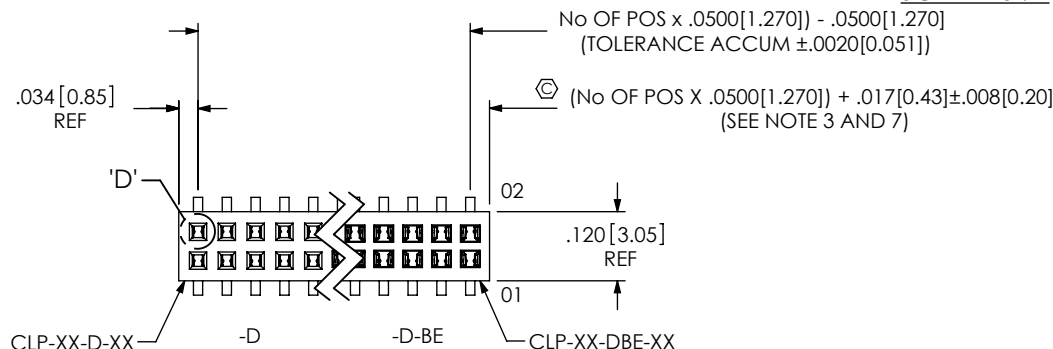
- P: PICK & PLACE PAD (USE LMP-01)
(AVAILABLE ON POSITON -05 THRU -50 ONLY)
(NOT AVAILABLE WITH -PA OR -K OPTIONS)
(SEE FIG 3, SHT 2)
- A: ALIGNMENT PIN (USE CLP-XX-D-XX)
(NOT AVAILABLE WITH -PA OPTION)
(SEE FIG 2, SHT 2)
- TR: TAPE AND REEL (SEE NOTE 14)
- BE: BOTTOM ENTRY ONLY (USE CLP-XX-DBE-XX)
-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

SECTION "B"- "B"

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

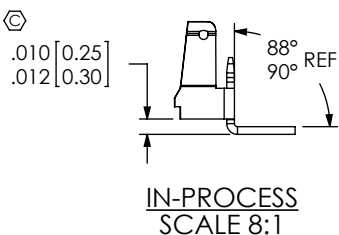


FIG 1

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

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samtec

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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

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

F:\DWG\MISC\MKTG\CLP-1XX-XX-XXX-D-XX-MKT.SLDDRW

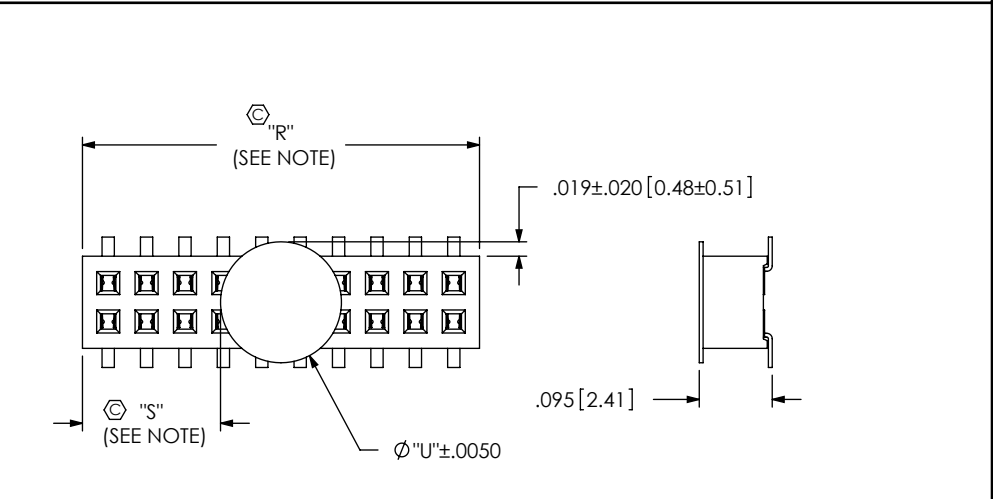
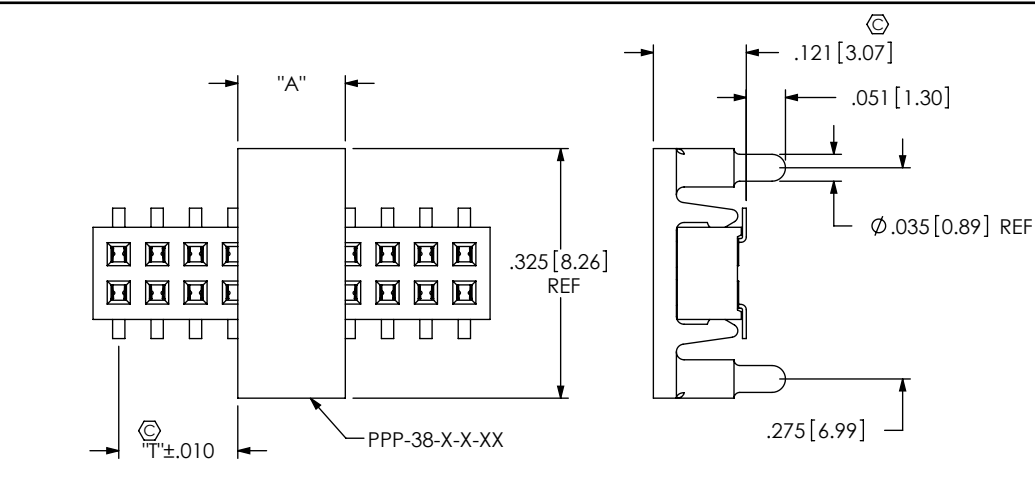
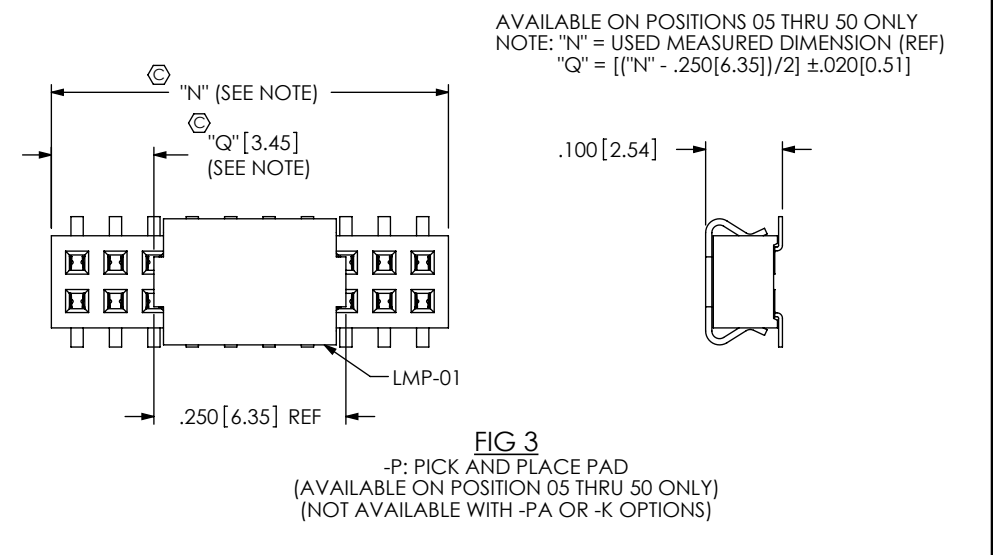
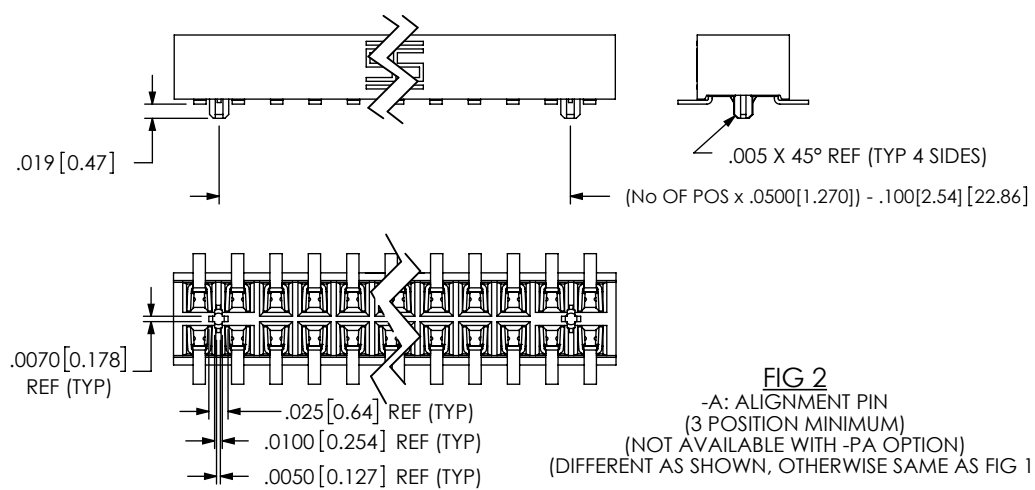


FIG 4
-PA: PICK & PLACE PAD WITH ALIGNMENT PINS
(NOT AVAILABLE WITH -P, -A OR -K OPTIONS)

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} ±.020 [0.51]
"S" ON -02 POS = {("R" - .1180 [2.997])/2} ±.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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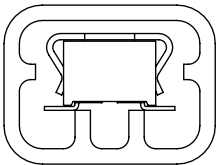
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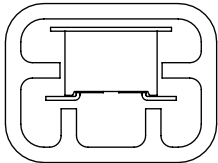
DESCRIPTION:
LOW PROFILE .050 x .050 DOUBLE ROW ASM
DWG. NO.
CLP-1XX-XX-XXX-D-XX

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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