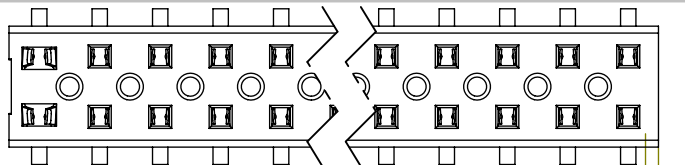


DO NOT
SCALE FROM
THIS PRINTFIG 6
-BE OPTION
(SAME AS FIG 1 EXCEPT INSULATOR)PATENT NUMBERS
5713755
5961339

CLT-1XX-02-XX-D-XX

No OF POS. PER ROW
-02 THRU -50LEAD STYLE
-02: SURFACE MOUNT
(SEE TABLE 1)

PLATING SPECIFICATION

-F: 3μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

-L: 10μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

-G: 10μ" GOLD IN CONTACT AREA, 3μ" GOLD ON TAIL

-S: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

-H: 30μ" GOLD IN CONTACT AREA, 3μ" GOLD ON TAIL

-FM: 3μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

-LM: 10μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

-SM: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

OPTION

-P: PICK & PLACE PAD
AVAILABLE ON POSITIONS
04 THRU 50 ONLY
(SEE FIG. 2, SHT 2. USE LMP-03)

-TR: TAPE AND REEL PACKAGING
(02 THRU 36 POS ONLY)

-BE: BOTTOM ENTRY
(SEE FIG. 6, USE CLT-XX-D-BE-XX)

-A: ALIGNMENT PIN (MOLDED OR STAKED)
(SEE FIGS. 3 & 4, SHT 2)
(STAKED MIN 5 POS)
(MOLDED MIN 3 POS)

-K: POLYIMIDE FILM PAD
(AVAILABLE ON POS. 4 THRU 50 ONLY)
(SEE FIG 5, SHT 2)
(USE K-DOT-.197-.344-.005)

ROW SPEC.

-D DOUBLE ROW
(USE CLT-XX-D EXCEPT
FOR -BE OPTION)

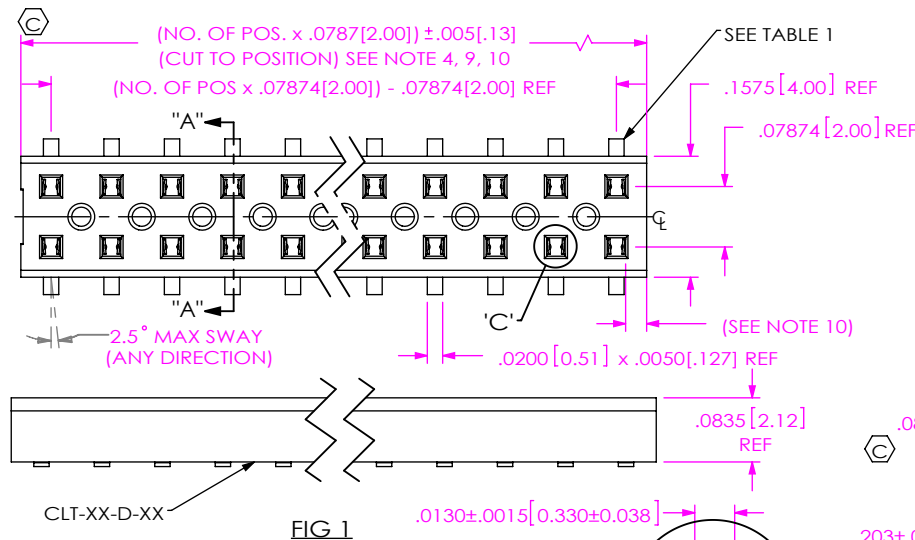


FIG 1

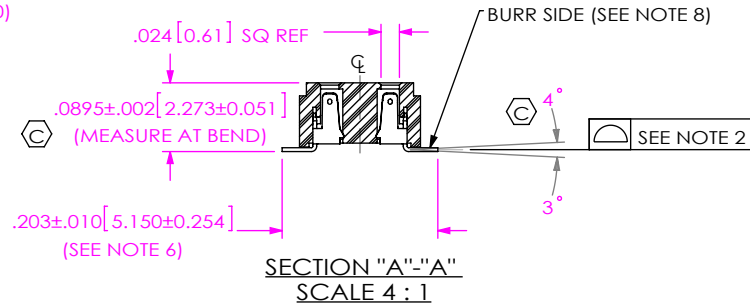
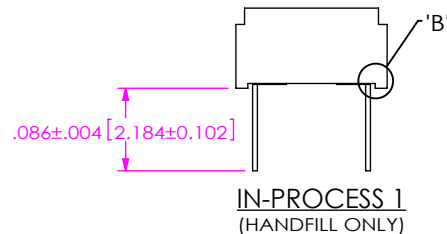
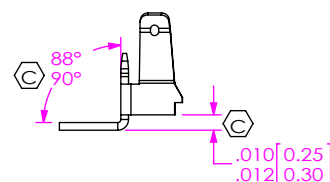


TABLE 1	
OPTION	USE CONTACT
CLT-150-02-L(M)-D-XX	C-114-22-L(M)
CLT-150-02-F(M)-D-XX	C-114-22-F(M)
CLT-150-02-G-D-XX	C-114-22-G
CLT-150-02-L(M)-D-BE-XX	C-114-22-L(M)
CLT-150-02-F(M)-D-BE-XX	C-114-22-F(M)
CLT-150-02-G-D-BE-XX	C-114-22-G
CLT-150-02-S(M)-D-BE-XX	C-114-22-S(M)
CLT-150-02-H-D-BE-XX	C-114-22-H
CLT-150-02-H-D-XX	C-114-22-H

SEE NOTE 12

NOTES:

1. REPRESENTS A CRITICAL DIMENSION.
2. COPLANARITY TO BE .004 FOR POSITIONS 2-25, .006 FOR POSITIONS 26-34, AND .008 FOR 35-50.
3. MINIMUM PUSHOUT FORCE: .4 LB.
4. WILL LOSE A POSITION FOR EVERY CUT MADE ON A SOCKET STRIP.
5. ALL OPTIONS: PACKAGE POSITIONS -04 THRU -50 IN PT-CLX002-D TUBE AS SHOWN IN VIEWS, WITH TWO TP-12 PLUGS PER TUBE. LAYER PACKAGE POSITIONS -02 & -03.
6. SHEAR TAILS TO DIMENSION SHOWN.
7. PARTS TO BE SYMMETRICAL ABOUT ϕ
8. .005 MAX. BURR.
9. CUT FLASH TO BE .010 [.25] MAX WITH NO FLASH ALLOWED IN HOLES OR EXTENDING BELOW LEADS
10. STANDARD BODY ENDWALL AFTER CUTTING: .0215 MIN.
11. -BE BODY ENDWALL AFTER CUTTING: .0169 \pm .003 [.429 \pm .08]
12. C-114-02 CAN BE USED FOR C-114-22. C-114-22-XX IS FOR AUTOMATED ASSEMBLY PROCESSES ONLY.

DETAIL 'C'
SCALE 16:1DETAIL 'B'
SCALE 16:1IN-PROCESS
SCALE 8:1
(AUTOMATED ONLY)

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES

.XX: \pm .01 [.3]

.XXX: \pm .005 [.13]

.XXXX: \pm .0020 [.051]

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MATERIAL:

INSULATOR: LCP, UL 94 VO, COLOR BLACK

CONTACT: PHOS BRONZE

F:\DWG\MISC\MKTG\CLT-1XX-02-XX-D-XX-MKT.SLDDRW

DO NOT SCALE DRAWING SHEET SCALE: 2:1

DESCRIPTION:

samtec

520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 55322

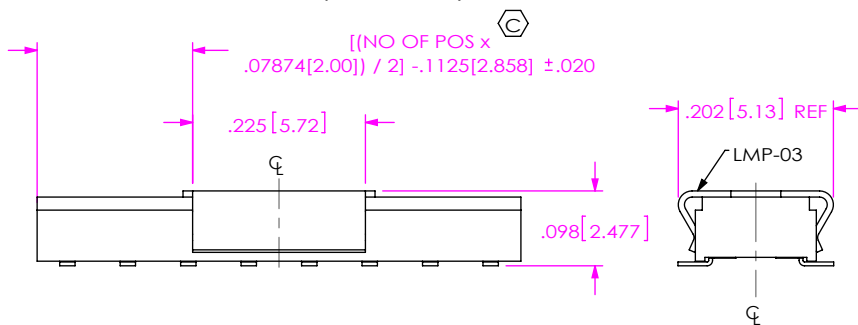
DWG. NO.

CLT-1XX-02-XX-D-XX

BY: BRATCHER 10/03/1994

SHEET 1 OF 2

FIG 2
-P: PICK & PLACE PAD
(4 POS MIN)



$$((\text{NO. OF POS} - 2) \times .0787[2.00]) \pm .005$$

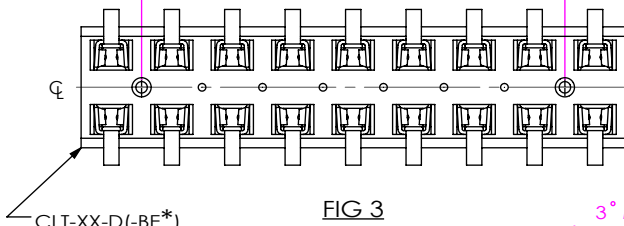
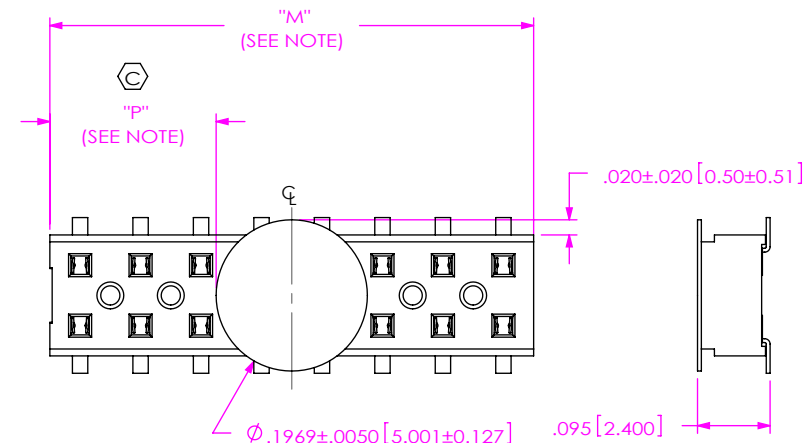
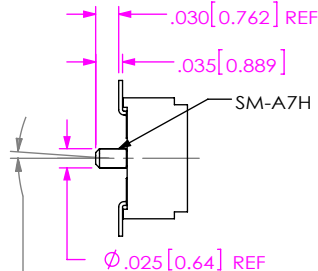


FIG 3
-A OPTION (STAKED)
(5 POS MIN)

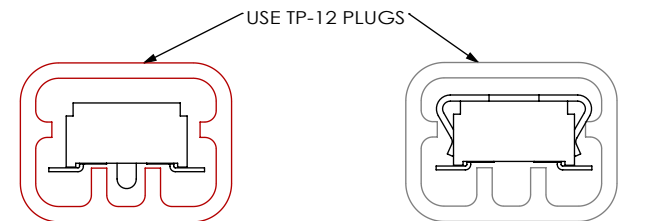
3° MAX TOE
(ANY DIRECTION)

* = FOR -BE OPTION ONLY



NOTE: "M" = USED MEASURED DIMENSION (REF)
"P" = $((\text{"M"} - .1969[5.00]) / 2) \pm .020[.51]$

FIG 5
-K OPTION
(4 POS MIN)



ALL OPTIONS EXCEPT -P
OPTION W/O -A OPTION

-P OPTION W/O -A OPTION

POSITIONS 04 - 50 PACKAGING VIEWS
(SEE NOTE 5)
PT-CLX002-D

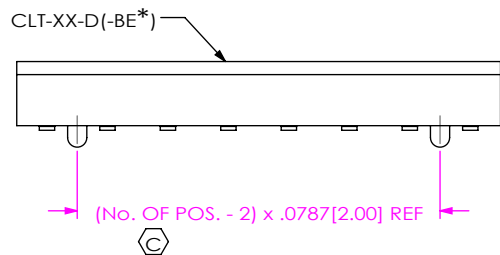
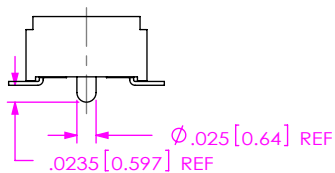


FIG 4
-A OPTION (MOLDED)
(3 POS MIN)



* = FOR -BE OPTION ONLY

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DO NOT SCALE DRAWING

SHEET SCALE: 4:1

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PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:
2MM LOW PROFILE SOCKET STRIP

DWG. NO.
CLT-1XX-02-XX-D-XX

BY: BRATCHER 10/03/1994 SHEET 2 OF 2