

DO NOT SCALE FROM THIS PRINT

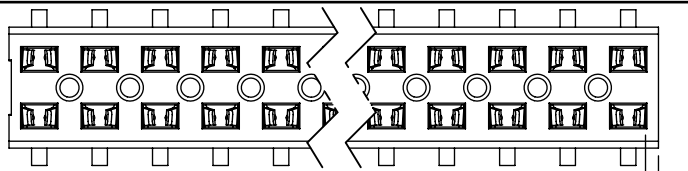
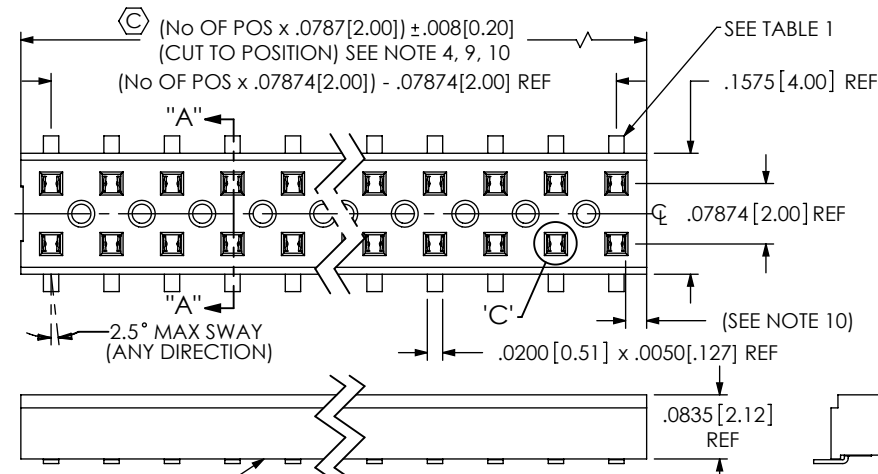


FIG 6  
-BE OPTION  
(SAME AS FIG 1 EXCEPT INSULATOR)

PATENT NUMBERS  
5713755  
5961339

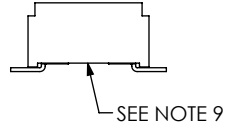
CLT-1XX-02-XX-D-XX

- No OF POS. PER ROW  
-02 THRU -50
- LEAD 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 (SEE NOTE 13) (02 THRU 36 POS ONLY)  
-FR: FULL REEL QTY. TAPE & REEL (SEE NOTE 14) (02 THRU 36 POS ONLY)  
-BE: BOTTOM ENTRY (SEE FIG. 6, USE CLT-XX-DBE-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)

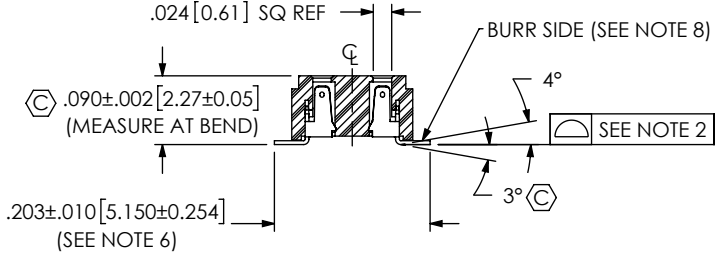


CLT-XX-D-XX

FIG 1



DETAIL 'C'  
SCALE 16:1

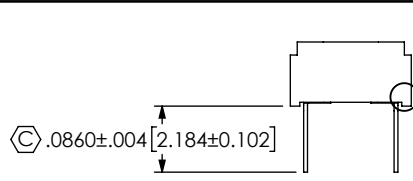


SECTION "A"-"A"  
SCALE 4:1

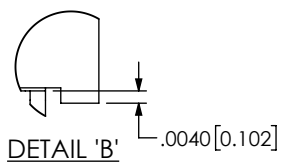
TABLE 1	
OPTION	USE CONTACT
CLT-150-02-L(M)-D-XX	C-114-22-L(M)
CLT-150-02-F(M)-D-XX	C-114-22-F(M)
CLT-150-02-G-D-XX	C-114-22-G
CLT-150-02-L(M)-D-BE-XX	C-114-22-L(M)
CLT-150-02-F(M)-D-BE-XX	C-114-22-F(M)
CLT-150-02-G-D-BE-XX	C-114-22-G
CLT-150-02-S(M)-D-BE-XX	C-114-22-S(M)
CLT-150-02-H-D-BE-XX	C-114-22-H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

SEE NOTE 12

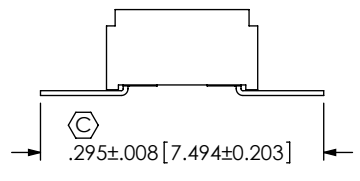
- NOTES:
- ⊕ REPRESENTS A CRITICAL DIMENSION.
  - COPLANARITY TO BE .004 FOR POSITIONS 2-25, .006 FOR POSITIONS 26-34, AND .008 FOR 35-50.
  - MINIMUM PUSHOUT FORCE: .4 LB.
  - WILL LOSE A POSITION FOR EVERY CUT MADE ON A SOCKET STRIP.
  - ALL OPTIONS: PACKAGE POSITIONS -04 THRU -50 IN PT-CLX002-D TUBE AS SHOWN IN VIEWS, WITH TWO TP-12 PLUGS PER TUBE. LAYER PACKAGE POSITIONS -02 & -03.
  - SHEAR TAILS TO DIMENSION SHOWN.
  - PARTS TO BE SYMMETRICAL ABOUT ⊕
  - MAXIMUM BURR: .005[0.13]
  - MAXIMUM CUT FLASH: .010[0.25] X .020[0.51] (HEIGHT X WIDTH) WITH NO FLASH ALLOWED IN HOLES OR EXTENDING BELOW LEADS.
  - MINIMUM STANDARD BODY ENDWALL AFTER CUTTING: .0215[0.546]
  - BE BODY ENDWALL AFTER CUTTING: .0169±.003 [0.429±0.08]
  - C-114-02 CAN BE USED FOR C-114-22, C-114-22-XX IS FOR AUTOMATED ASSEMBLY PROCESSES ONLY.
  - 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.



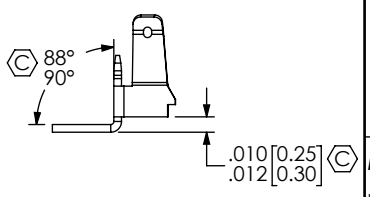
IN-PROCESS 1  
(HANDFILL ONLY)



DETAIL 'B'  
SCALE 16:1



IN-PROCESS 2  
(HANDFILL ONLY)



IN-PROCESS  
SCALE 8:1  
(AUTOMATED ONLY)

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:  
DECIMALS ANGLES  
.XX: ±.01 [0.3]  
.XXX: ±.005 [0.13]  
.XXXX: ±.0020 [0.051]

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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

**samtec**  
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
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 1 OF 2

REVISION CM

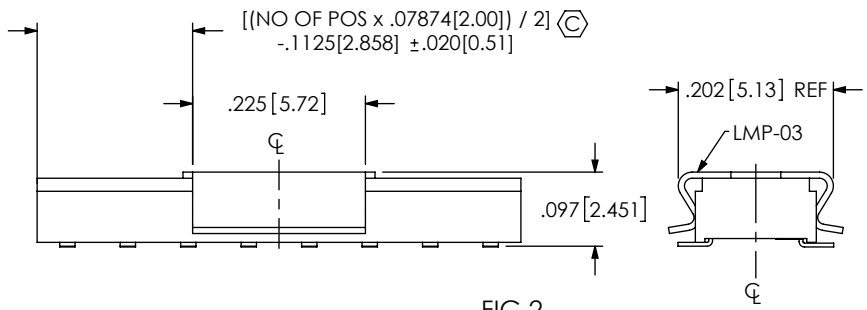
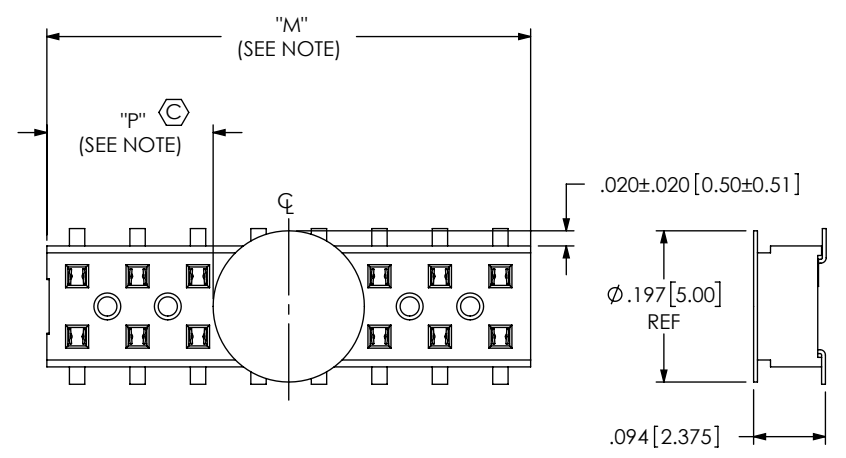


FIG 2  
-P: PICK & PLACE PAD  
(4 POS MIN)



NOTE: "M" = USED MEASURED DIMENSION (REF)  
"P" = (( "M" - .1969 [5.00]) / 2) ± .020[0.51]

FIG 5  
-K OPTION  
(4 POS MIN)

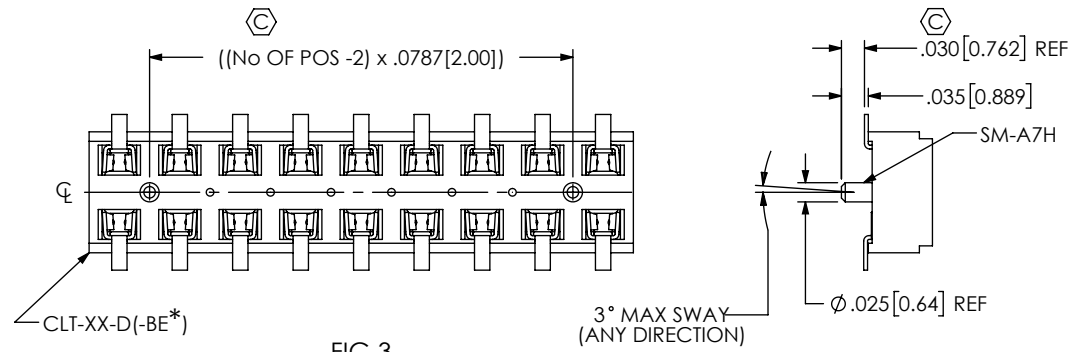
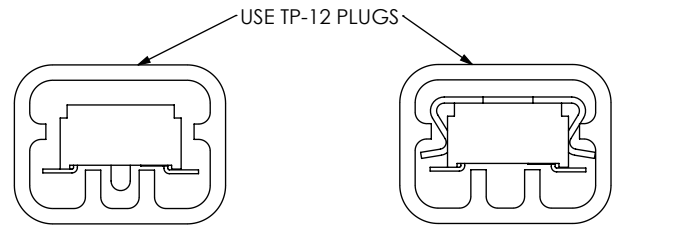


FIG 3  
-A OPTION (STAKED)  
(5 POS MIN)

\* = FOR -BE OPTION ONLY



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

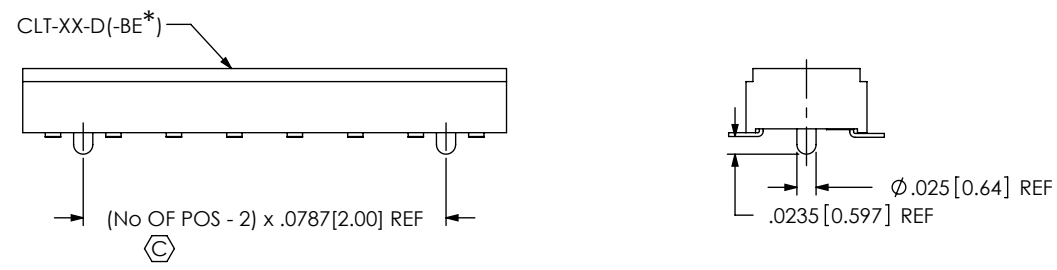


FIG 4  
-A OPTION (MOLDED)  
(3 POS MIN)

\* = FOR -BE OPTION ONLY

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DO NOT SCALE DRAWING

SHEET SCALE: 4:1

**samtec**

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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