

DO NOT SCALE FROM THIS PRINT

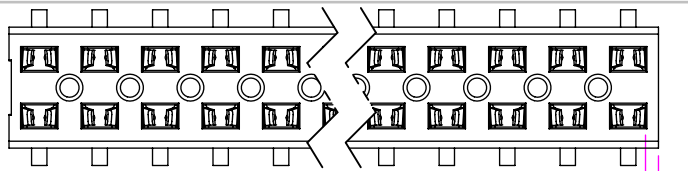


FIG 6  
-BE OPTION  
(SAME AS FIG 1 EXCEPT INSULATOR)  
(SEE NOTE 11)

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

PACKAGING  
BLANK: TUBES(SEE NOTE 5)  
-TR: TAPE AND REEL PACKAGING (02 THRU 36 POS ONLY) (SEE NOTES 15 & 16)  
-FR: FULL REEL QTY. TAPE & REEL (02 THRU 36 POS ONLY) (SEE NOTES 15 & 16)  
PICK & PLACE OPTIONS  
-P: PICK & PLACE PAD AVAILABLE ON POSITIONS 04 THRU 50 ONLY (SEE FIG. 2, SHT 2. USE LMP-03)  
-K: POLYIMIDE FILM PAD (AVAILABLE ON POS. 4 THRU 50 ONLY) (SEE FIG 5, SHT 2) (USE K-DOT-.197-.344-.005)  
OPTIONS  
-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)  
-ROW SPEC.  
-D DOUBLE ROW (USE CLT-XX-D EXCEPT FOR -BE OPTION)

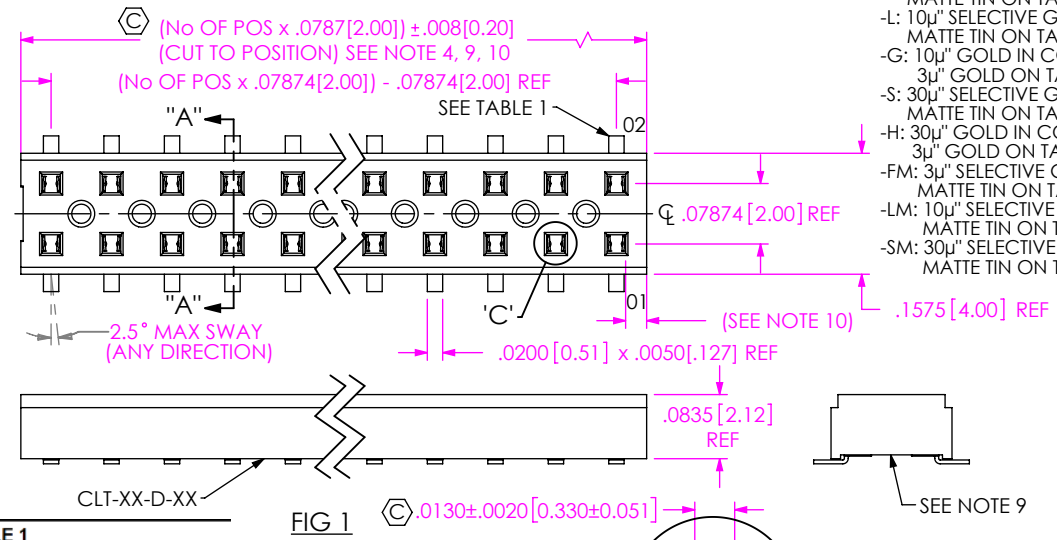
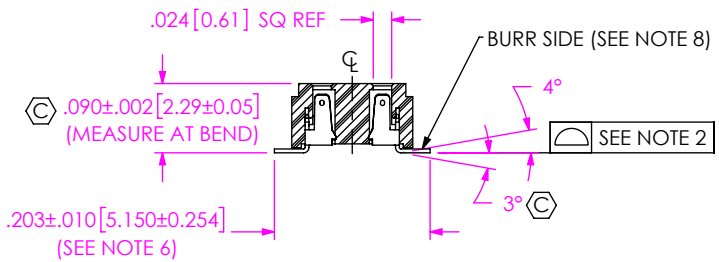


FIG 1  
CLT-XX-D-XX



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

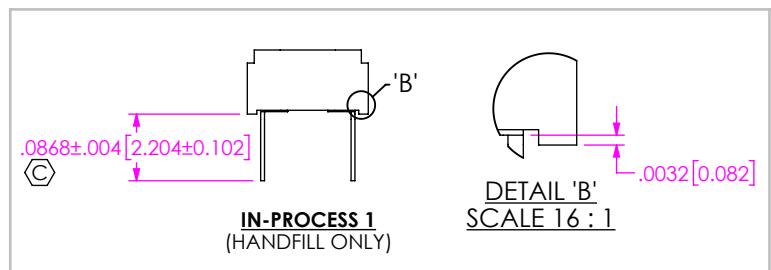
TABLE 1	
OPTION	USE CONTACT
CLT-150-02-L(M)-D-XX	C-114-22-L(M)
CLT-150-02-F(M)-D-XX	C-114-22-F(M)
CLT-150-02-G-D-XX	C-114-22-G
CLT-150-02-L(M)-D-BE-XX	C-114-22-L(M)
CLT-150-02-F(M)-D-BE-XX	C-114-22-F(M)
CLT-150-02-G-D-BE-XX	C-114-22-G
CLT-150-02-S(M)-D-BE-XX	C-114-22-S(M)
CLT-150-02-H-D-BE-XX	C-114-22-H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

SEE NOTE 12

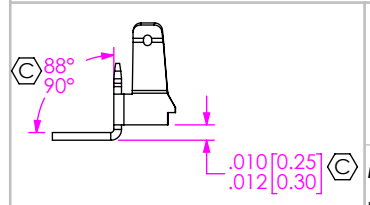
NOTES:

- ⊕ 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.
- NOTE DELETED.
- NOTE DELETED.
- ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM
- ATTACH LABEL-4X2 TO EACH REEL.

DETAIL 'C'  
SCALE 16 : 1



IN-PROCESS 1  
(HANDFILL ONLY)

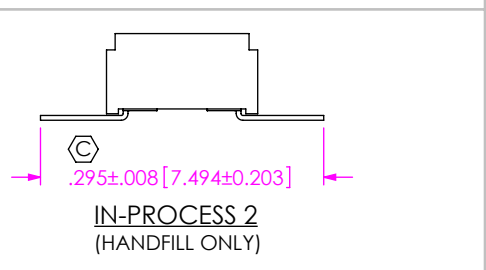


IN-PROCESS  
SCALE 8:1  
(AUTOMATED ONLY)

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

MATERIAL:  
INSULATOR: LCP, UL 94 VO, COLOR BLACK  
CONTACT: PHOS BRONZE  
F:\DWG\MISC\MKTG\CLT-1XX-02-XX-D-XX-X-XX-MKT.SLDDRW

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IN-PROCESS 2  
(HANDFILL ONLY)



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-X-XX  
BY: BRATCHER 10/03/1994 SHEET 1 OF 2

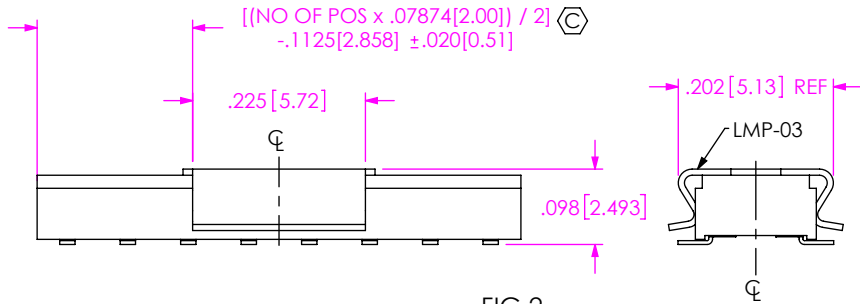
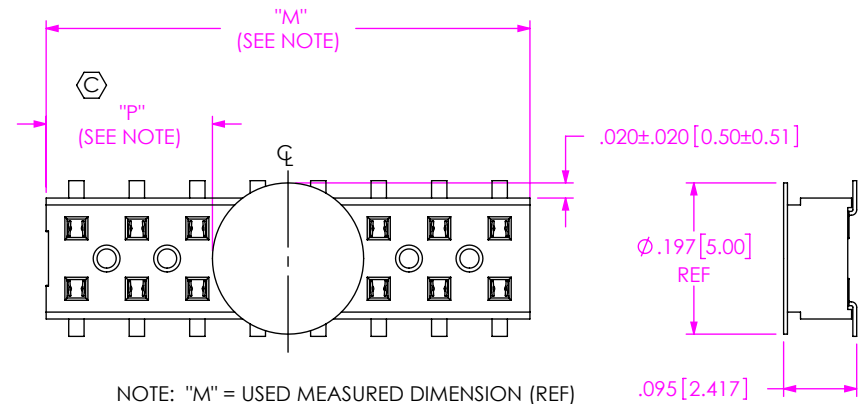


FIG 2  
-P: PICK & PLACE PAD  
(4 POS MIN)



NOTE: "M" = USED MEASURED DIMENSION (REF)  
"P" =  $((\text{"M"} - .1969 [5.00]) / 2) \pm .020 [0.51]$

FIG 5  
-K OPTION  
(4 POS MIN)

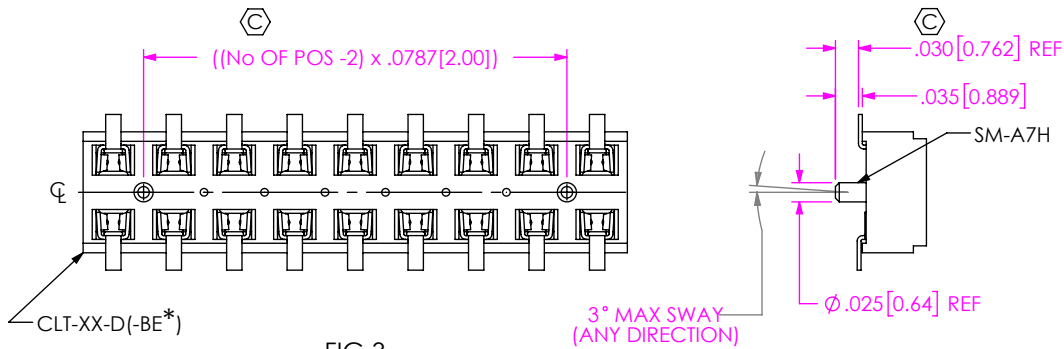
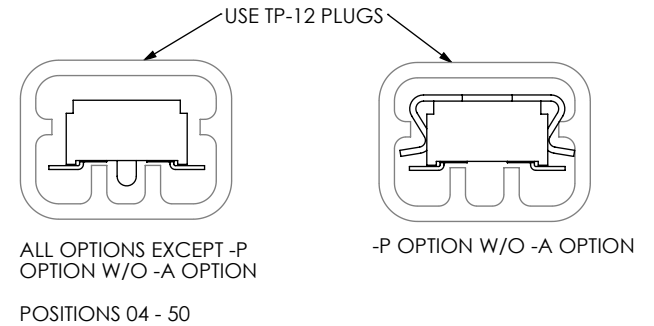


FIG 3  
-A OPTION (STAKED)  
(5 POS MIN)

\* = FOR -BE OPTION ONLY



PACKAGING VIEWS  
(SEE NOTE 5)  
PT-CLX002-D

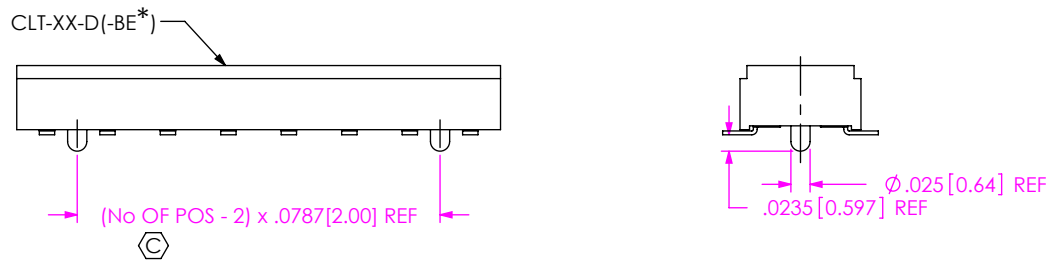


FIG 4  
-A OPTION (MOLDED)  
(3 POS MIN)

\* = 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-X-XX

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