

DO NOT SCALE FROM THIS PRINT

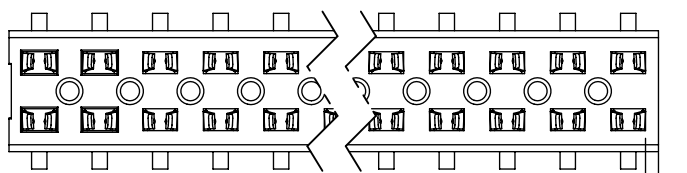


FIG 6  
-BE OPTION  
(SAME AS FIG 1 EXCEPT INSULATOR)

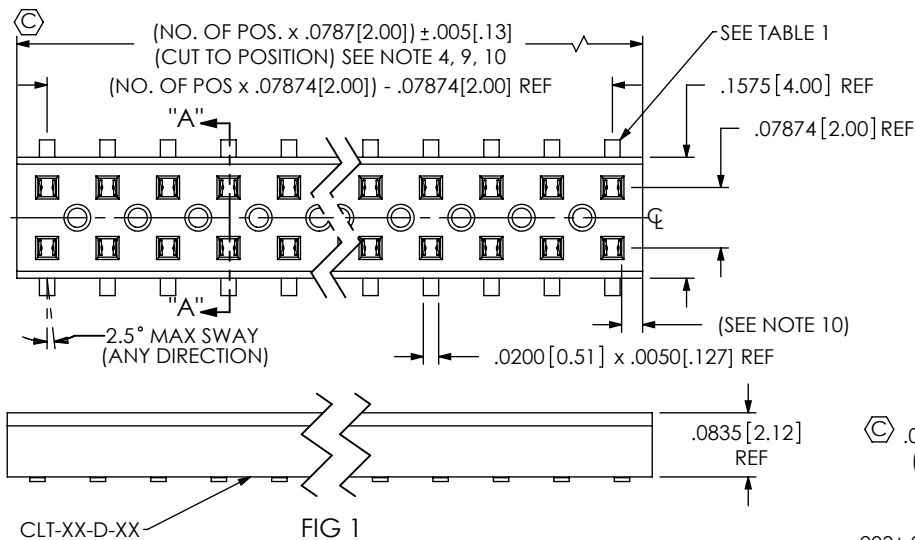


FIG 1

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 11

PATENT NUMBERS  
5713755  
5961339

- 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: .5 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  $\bar{C}$
  - .005 MAX. BURR.
  - CUT FLASH TO BE .010 [.25] MAX WITH NO FLASH ALLOWED IN HOLES OR EXTENDING BELOW LEADS
  - STANDARD BODY ENDWALL AFTER CUTTING: .0215 MIN.
  - BE BODY ENDWALL AFTER CUTTING: .0169 ± .003 [.429 ± .08]
  - C-114-02 CAN BE USED FOR C-114-22. C-114-22-XX IS FOR AUTOMATED ASSEMBLY PROCESSES ONLY.

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

No OF POS. PER ROW  
-02 THRU -50

LEAD STYLE  
-02: SURFACE MOUNT  
(SEE TABLE 1)

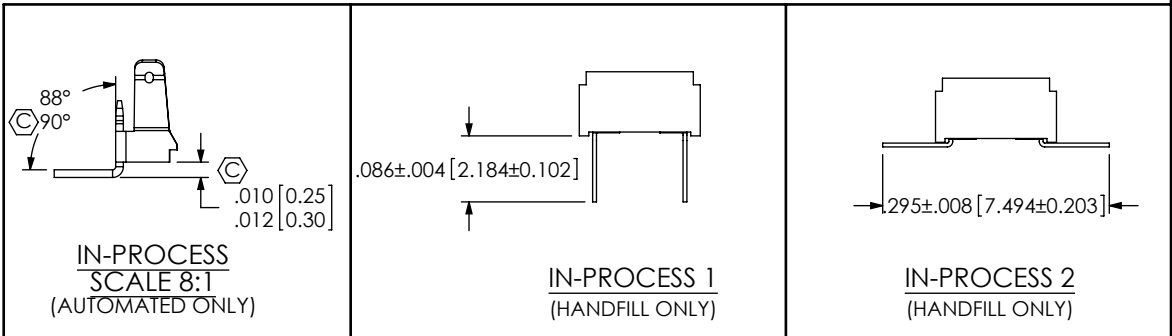
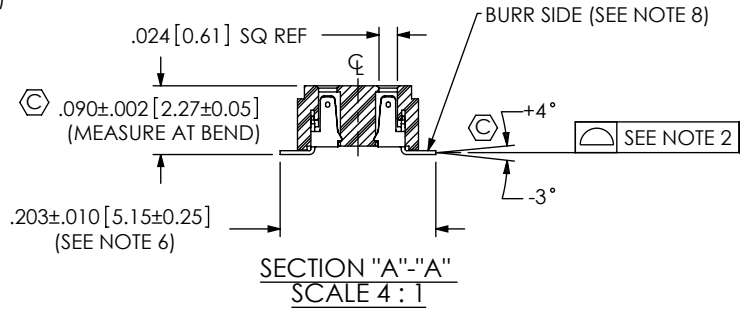
PLATING SPECIFICATION

- 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 (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) (.005 [.13] THICKNESS WITH SILICONE ADHESIVE) (SEE FIG 5, SHT 2) (USE K-500-300)

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



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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e-Mail info@SAMTEC.com code 55322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1

INSULATOR: LCP, UL 94 VO, COLOR BLACK

CONTACT: PHOS BRONZE

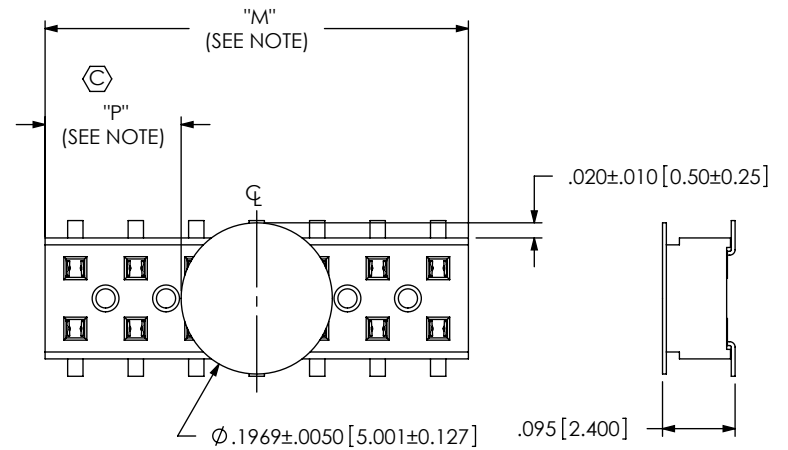
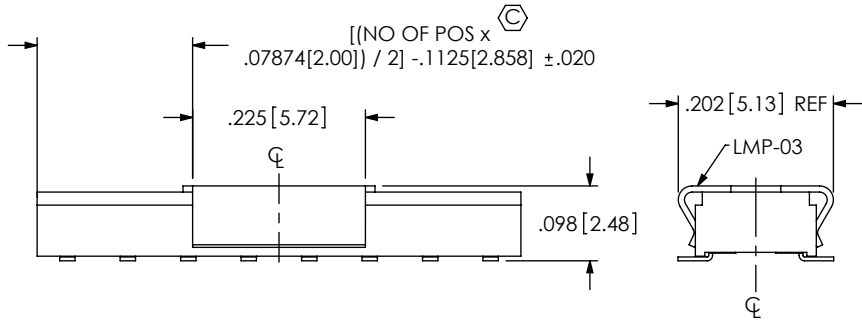
F:\DWG\MISC\MKTG\CLT-1XX-02-XX-D-XX-MKT.SLDDRW

DESCRIPTION: 2MM LOW PROFILE SOCKET STRIP

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

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



NOTE: "M" = USED MEASURED DIMENSION (REF)  
"P" = (( "M" - .1969 [5.00]) / 2 ) ± .020 [.51]

FIG 5  
-K OPTION  
(4 POS MIN)

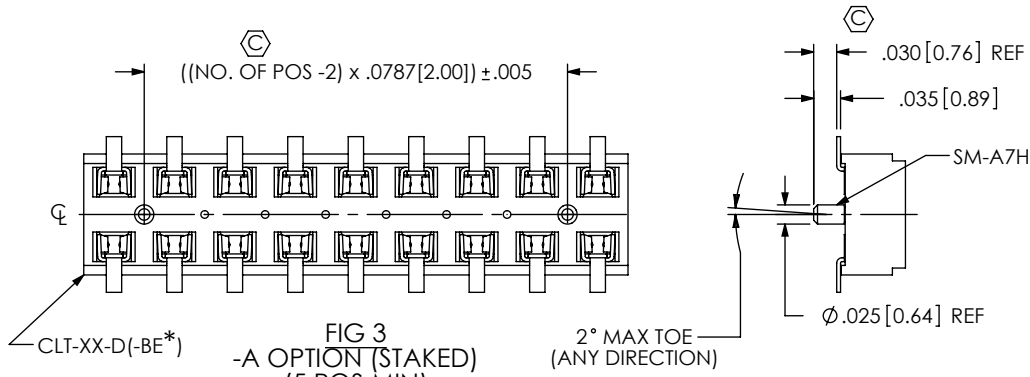
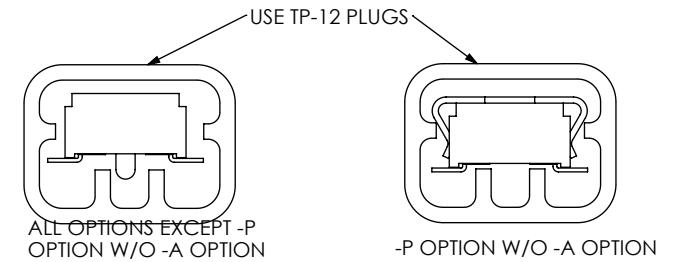


FIG 3  
-A OPTION (STAKED)  
(5 POS MIN)

\* = FOR -BE OPTION ONLY



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

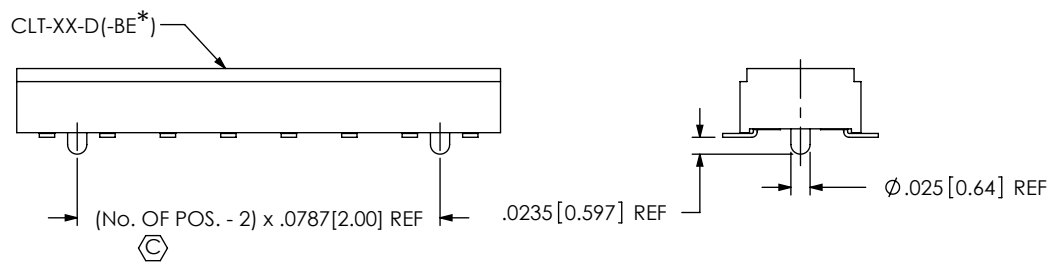


FIG 4  
-A OPTION (MOLDED)  
(3 POS MIN)

\* = FOR -BE OPTION ONLY

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DO NOT SCALE DRAWING

SHEET SCALE: 4:1

DESCRIPTION:  
2MM LOW PROFILE SOCKET STRIP

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

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