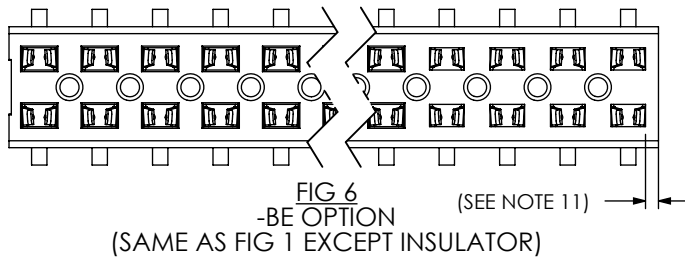


DO NOT
SCALE FROM
THIS PRINT



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
(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)

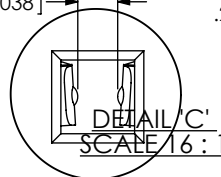
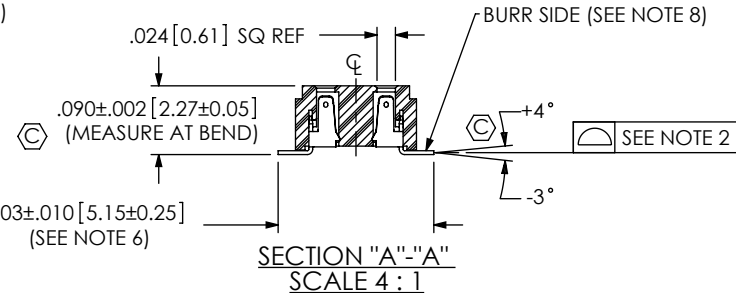
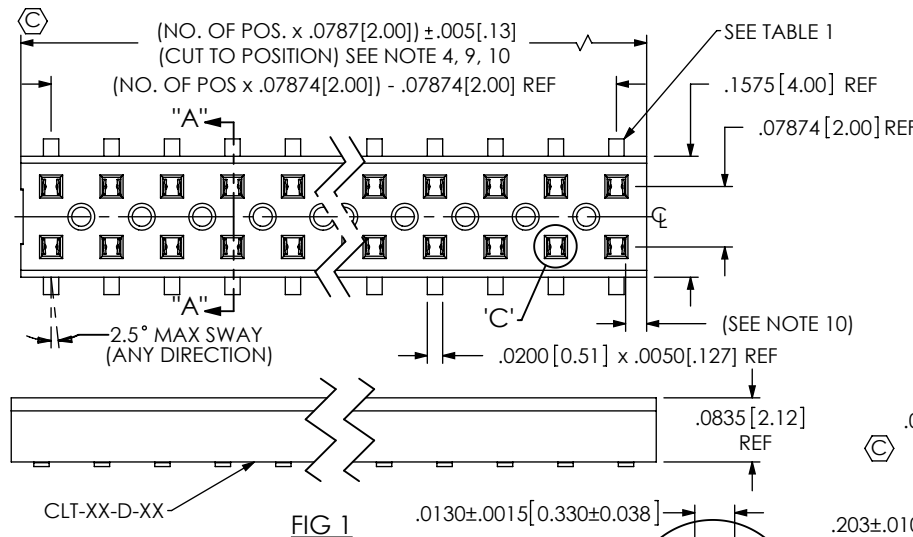


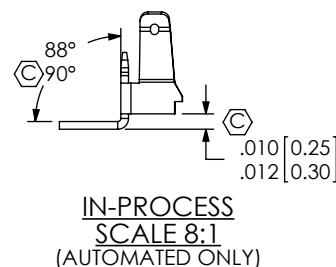
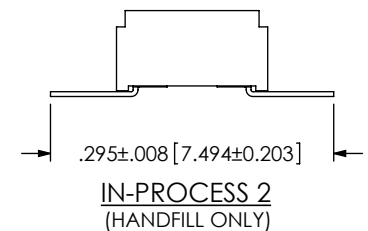
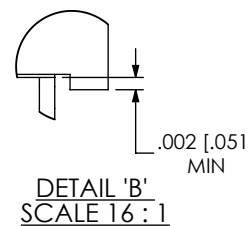
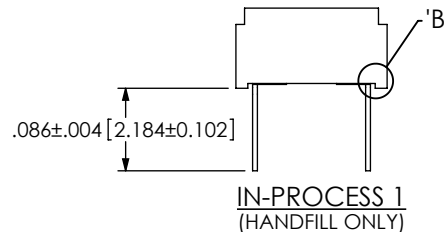
TABLE 1

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

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 ⌀
- .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.



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

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC, INC. AND SHALL NOT BE REPRODUCED
OR TRANSFERRED TO OTHER DOCUMENTS OR
DISCLOSED TO OTHERS OR USED FOR ANY
PURPOSE OTHER THAN THAT WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED WRITTEN
CONSENT OF SAMTEC, INC.

MATERIAL:
INSULATOR: LCP, UL 94 VO, COLOR BLACK
CONTACT: PHOS BRONZE

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

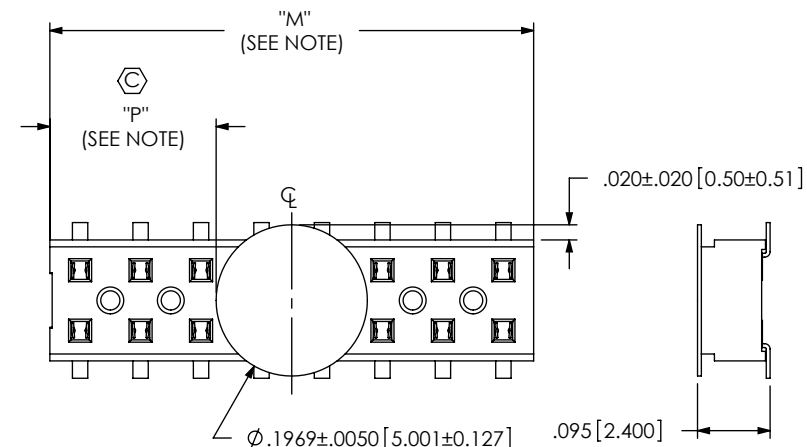
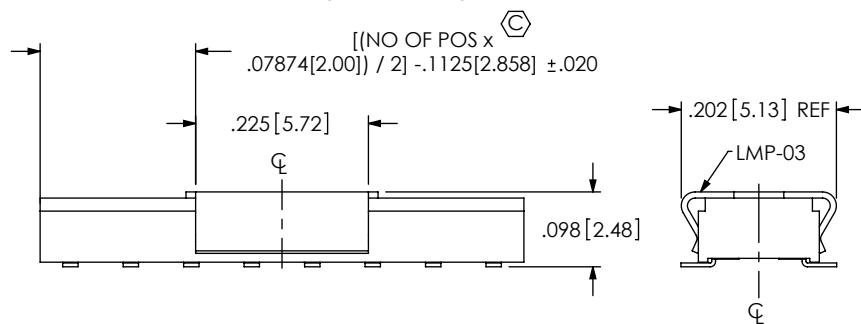
DO NOT SCALE DRAWING SHEET SCALE: 2:1

DESCRIPTION:
2MM LOW PROFILE SOCKET STRIP
DWG. NO.
CLT-1XX-02-XX-D-XX
BY: BRATCHER 10/03/1994 SHEET 1 OF 2

samtec

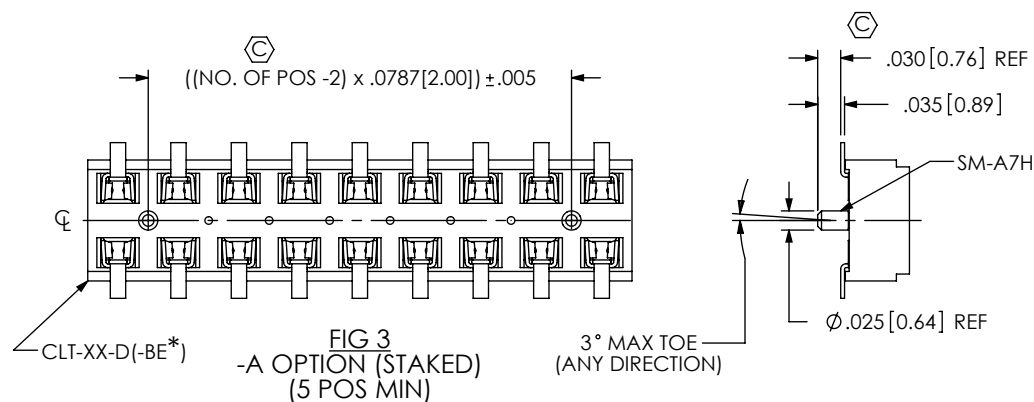
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

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

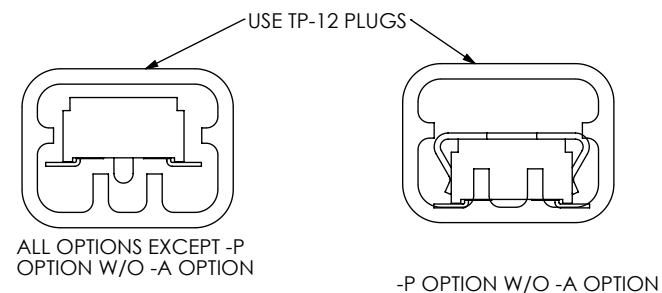


NOTE: "M" = USED MEASURED DIMENSION (REF)
"P" = $((\text{"M"} - .1969 [5.00]) / 2) \pm .020 [.51]$

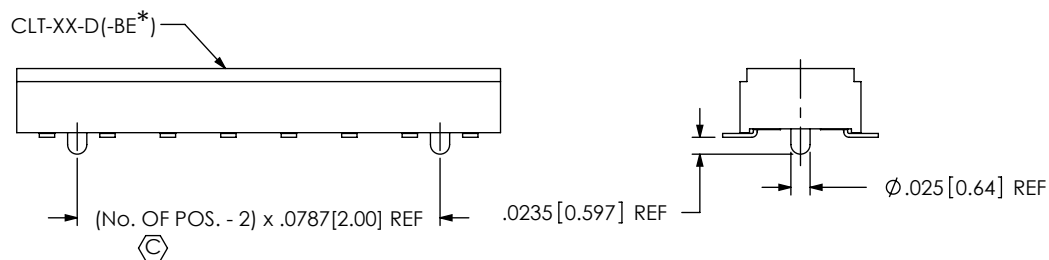
FIG 5
-K OPTION
(4 POS MIN)



* = FOR -BE OPTION ONLY



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



* = FOR -BE OPTION ONLY

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

PROPRIETARY NOTE

THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC, INC. AND SHALL NOT BE REPRODUCED
OR TRANSFERRED TO OTHER DOCUMENTS OR
DISCLOSED TO OTHERS OR USED FOR ANY
PURPOSE OTHER THAN THAT WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED WRITTEN
CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING

SHEET SCALE: 4:1

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 2 OF 2