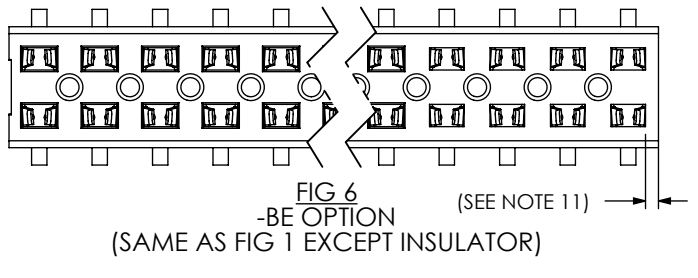


DO NOT SCALE FROM THIS PRINT



PATENT NUMBERS
5713755
5961339

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

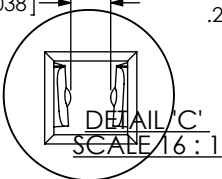
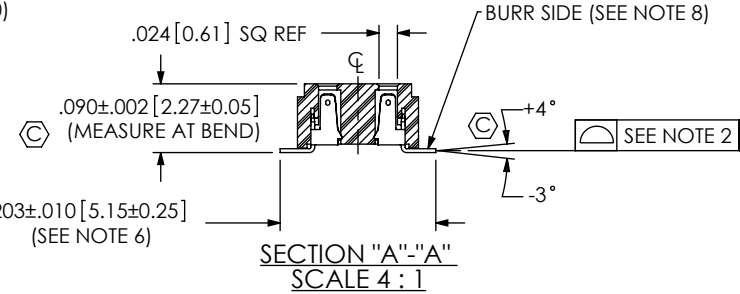
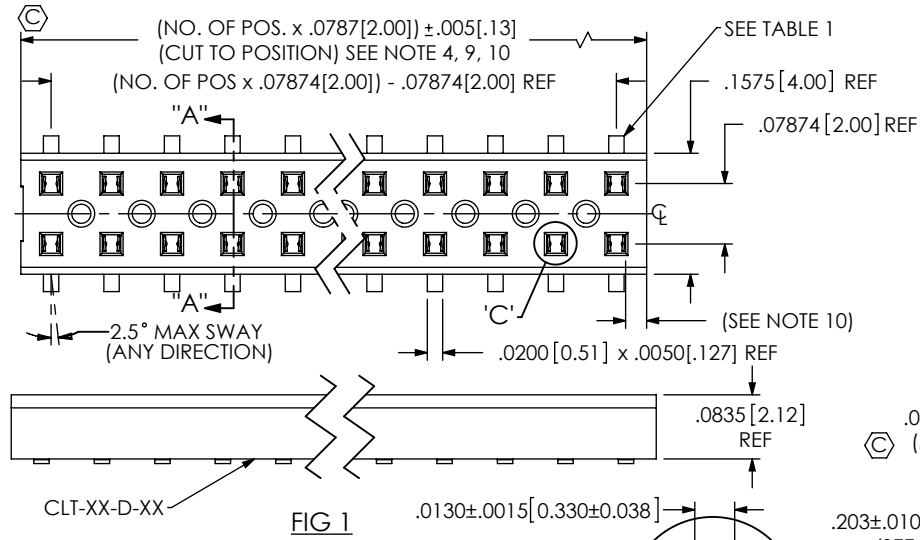
No OF POS. PER ROW
-02 THRU -50

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)

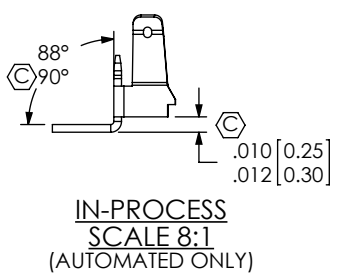
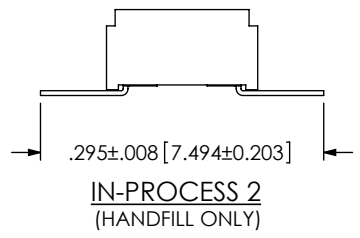
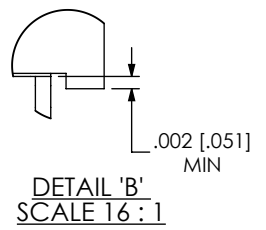
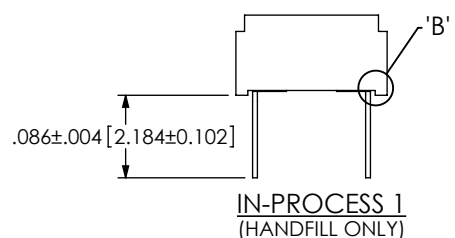
ROW SPEC.
-D DOUBLE ROW (USE CLT-XX-D EXCEPT FOR -BE OPTION)



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 [0.25] 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 [0.429 ± .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]

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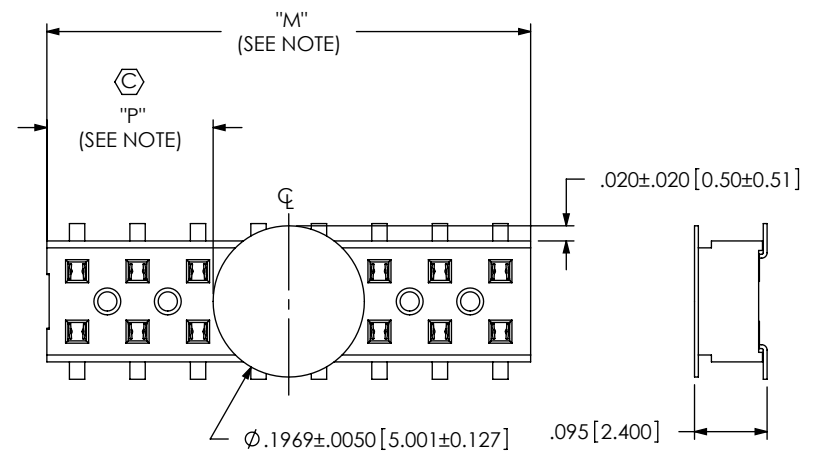
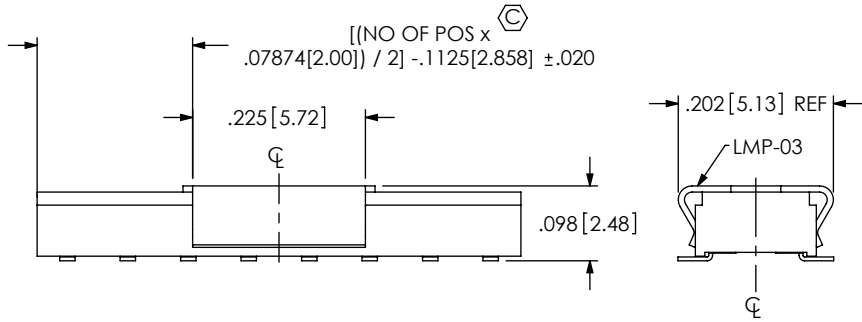
MATERIAL:
INSULATOR: LCP, UL 94 VO, COLOR BLACK
CONTACT: PHOS BRONZE
F:\DWG\MISC\MKTG\CLT-1XX-02-XX-D-XX-MKT.SLDDRW

DO NOT SCALE DRAWING SHEET SCALE: 2:1

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

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)

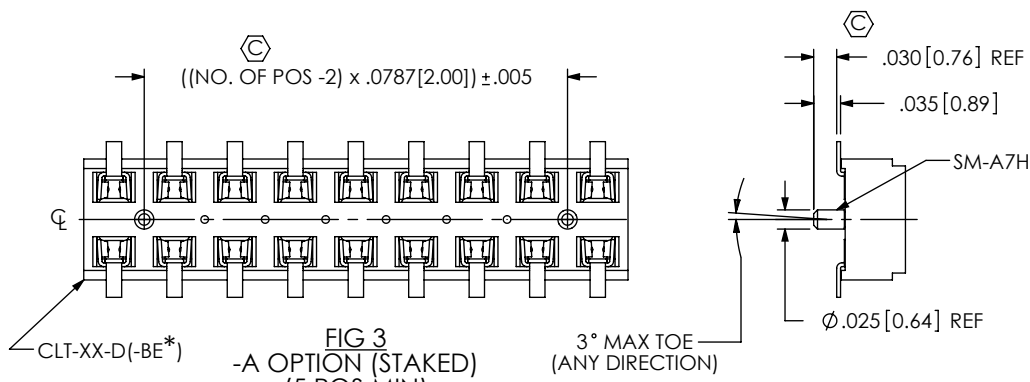
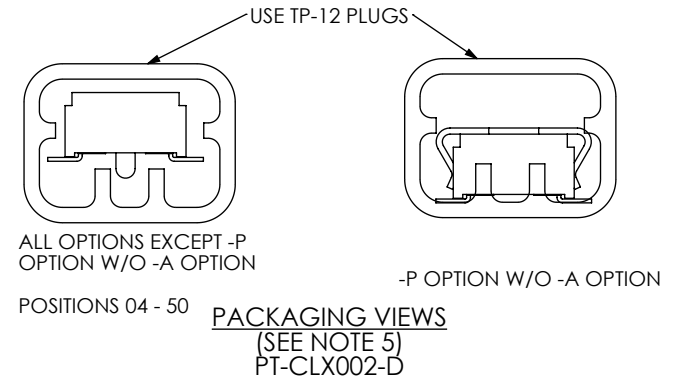


FIG 3
-A OPTION (STAKED)
(5 POS MIN)

* = FOR -BE OPTION ONLY



POSITIONS 04 - 50

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

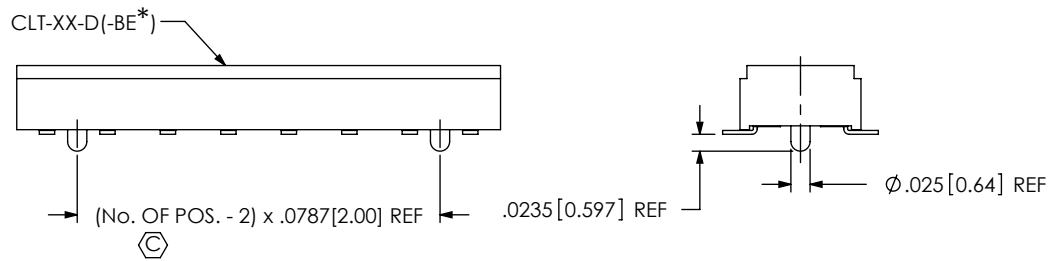


FIG 4
-A OPTION (MOLDED)
(3 POS MIN)

* = FOR -BE OPTION ONLY

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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