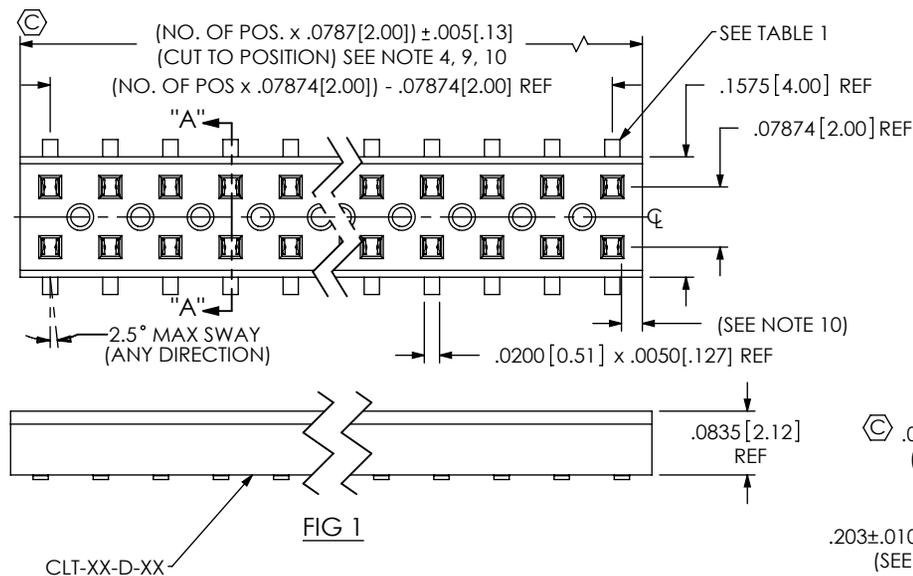
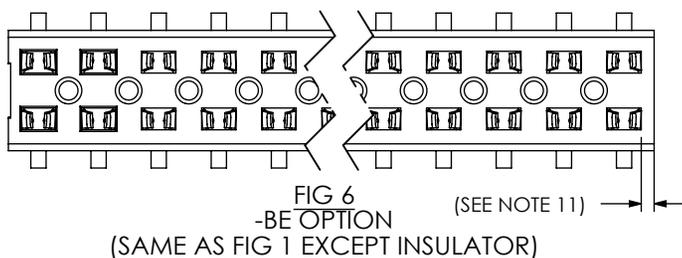


DO NOT SCALE FROM THIS PRINT



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

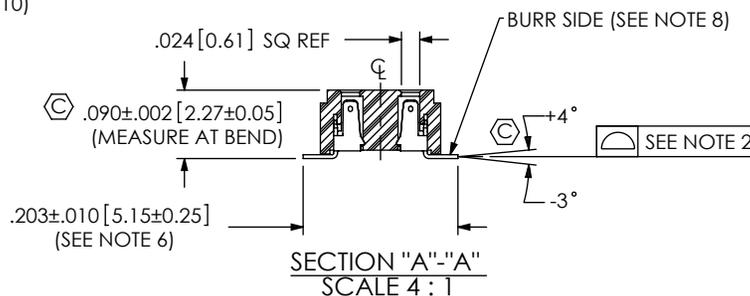
No OF POS. PER ROW  
-02 THRU -50

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

PLATING SPECIFICATION  
-F: FLASH SELECTIVE, 3 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL  
-L: LIGHT SELECTIVE, 10 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL  
-G: GOLD, 10 Au / 50 Ni MIN ON CONTACT, 3 Au / 50 Ni MIN ON TAIL  
-S: SELECTIVE, 30 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL (USE C-114-22-S ONLY)  
-H: HEAVY GOLD, 30 Au / 50 Ni MIN ON CONTACT, 3 Au / 50 Ni MIN ON TAIL  
-FM: FLASH SELECTIVE, 3 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL  
-LM: LIGHT SELECTIVE, 10 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL  
-SM: SELECTIVE, 30 Au / 50 Ni MIN ON CONTACT, MATTE TIN 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)

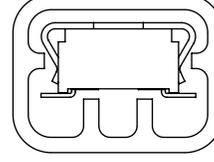
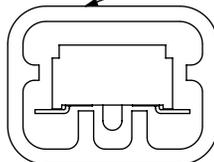
ROW SPEC.  
-D DOUBLE ROW  
(USE CLT-XX-D EXCEPT FOR -BE OPTION)



PATENT NUMBERS  
5713755  
5961339

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

USE TP-12 PLUGS



ALL OPTIONS EXCEPT -P OPTION W/O -A OPTION  
POSITIONS 04 - 50

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 Q̄
- .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.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:  
DECIMALS ANGLES  
.XX: ±.01 [.3] 10°  
.XXX: ±.005 [.13]  
.XXXX: ±.0020 [.051]

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DO NOT SCALE DRAWING SHEET SCALE: 2:1

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

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



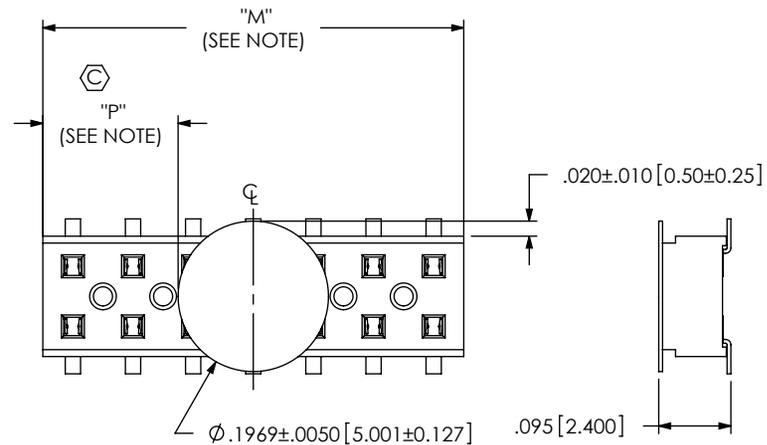
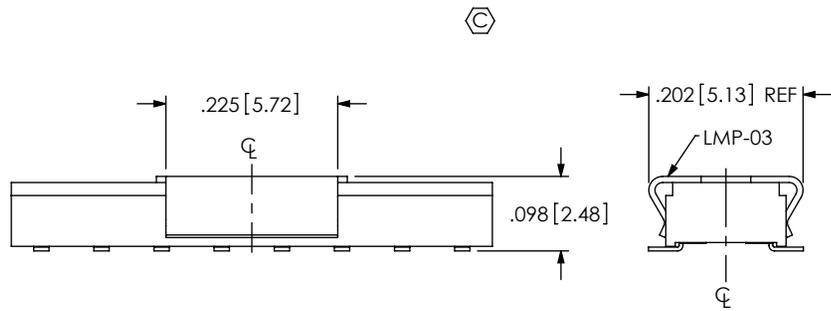
520 PARK EAST BLVD. NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code 55322

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" =  $((\text{"M"} - .1969 [5.00]) / 2) \pm .020 [0.51]$

FIG 5  
-K OPTION  
(4 POS MIN)

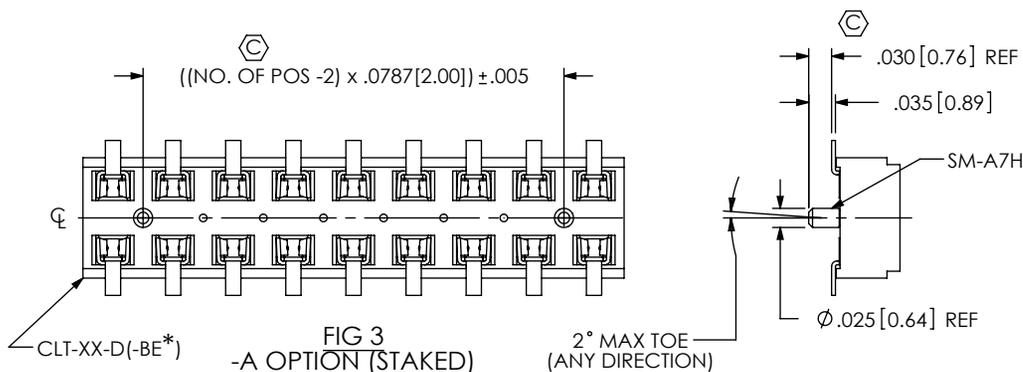


FIG 3  
-A OPTION (STAKED)  
(5 POS MIN)

\* = FOR -BE OPTION ONLY

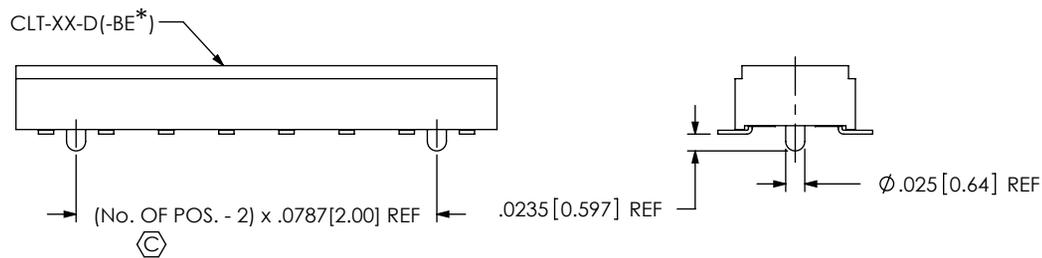


FIG 4  
-A OPTION (MOLDED)  
(3 POS MIN)

\* = FOR -BE OPTION ONLY

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