

DO NOT  
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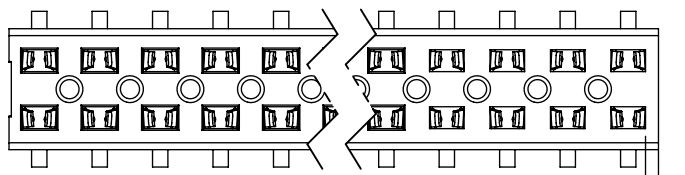


FIG 6  
-BE OPTION  
(SAME AS FIG 1 EXCEPT INSULATOR)

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)

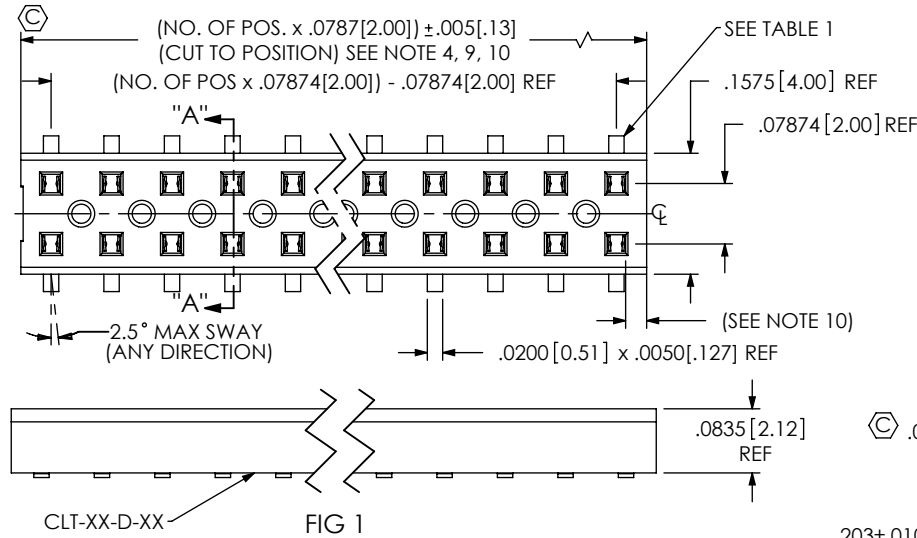


FIG 1

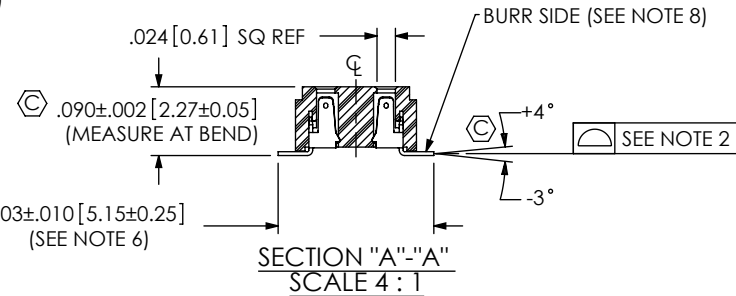


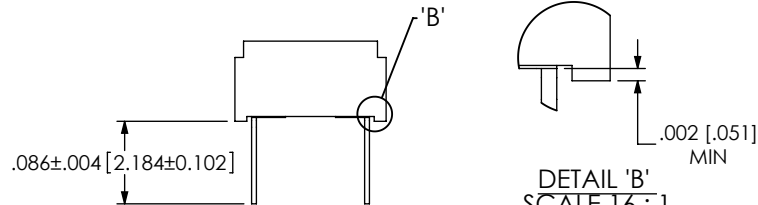
TABLE 1

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

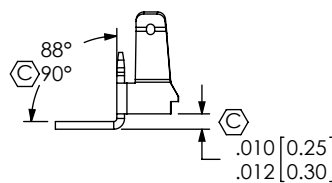
NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. COPLANARITY TO BE .004 FOR POSITIONS 2-25, .006 FOR POSITIONS 26-34, AND .008 FOR 35-50.
3. MINIMUM PUSHOUT FORCE: .5 LB.
4. WILL LOSE A POSITION FOR EVERY CUT MADE ON A SOCKET STRIP.
5. 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.
6. SHEAR TAILS TO DIMENSION SHOWN.
7. PARTS TO BE SYMMETRICAL ABOUT Ⓢ
8. .005 MAX. BURR.
9. CUT FLASH TO BE .010 [.25] MAX WITH NO FLASH ALLOWED IN HOLES OR EXTENDING BELOW LEADS
10. STANDARD BODY ENDWALL AFTER CUTTING: .0215 MIN.
11. -BE BODY ENDWALL AFTER CUTTING: .0169 ±.003 [.429 ±.08]
12. C-114-02 CAN BE USED FOR C-114-22. C-114-22-XX IS FOR AUTOMATED ASSEMBLY PROCESSES ONLY.



DETAIL 'B'  
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 [.3]  
.XXX: ±.005 [.13]  
.XXXX: ±.0020 [.051]

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MATERIAL:

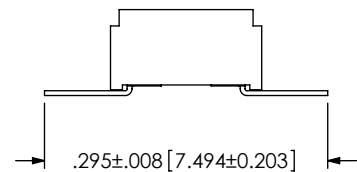
INSULATOR: LCP, UL 94 VO, COLOR BLACK

CONTACT: PHOS BRONZE

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

DO NOT SCALE DRAWING

SHEET SCALE: 2:1



IN-PROCESS 2  
(HANDFILL ONLY)

**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

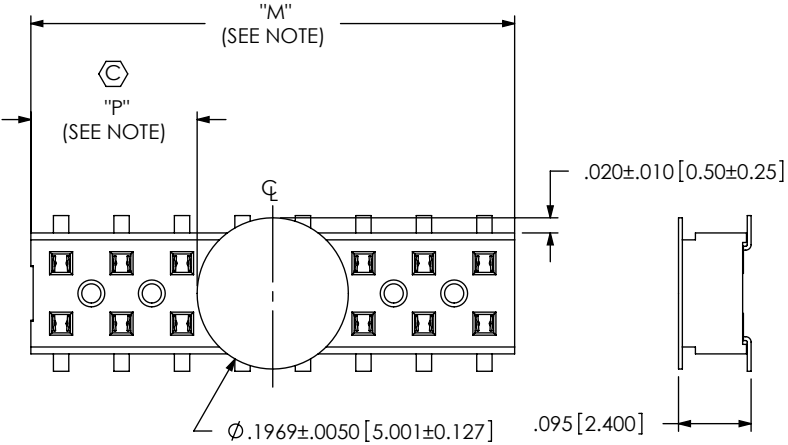
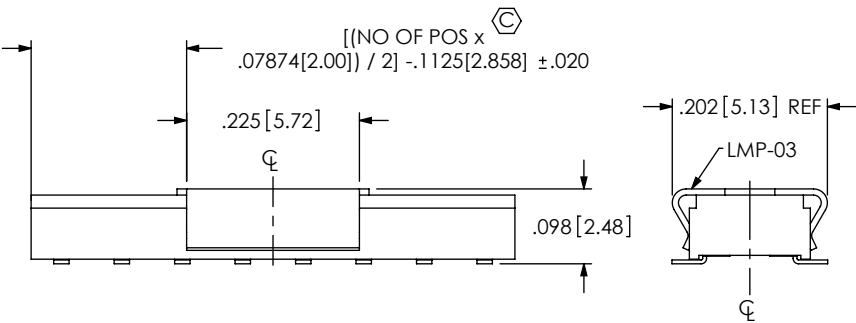
DWG. NO.

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

BY: BRATCHER 10/03/1994

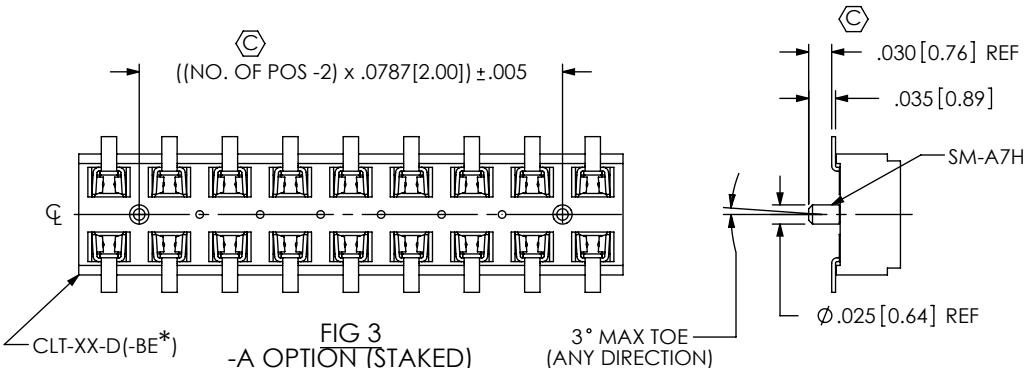
SHEET 1 OF 2

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

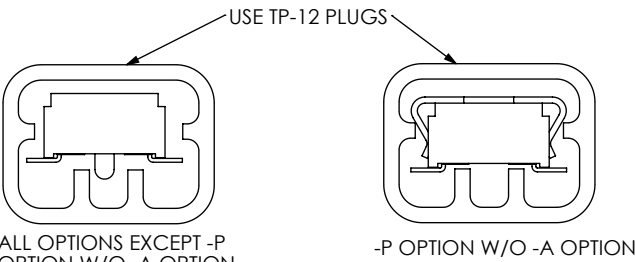


NOTE: "M" = USED MEASURED DIMENSION (REF)  
"P" = (( "M" - .1969 [5.00]) / 2 ) ±.020 [.51]

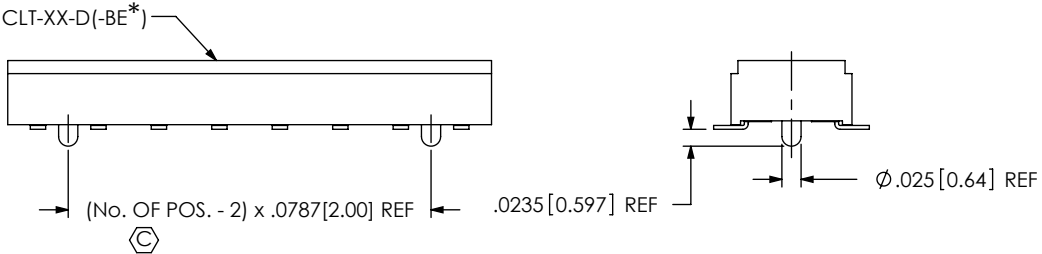
FIG 5  
-K OPTION  
(4 POS MIN)



\* = 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)

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