PATENT NUMBERS
5713755
5961339

CLE-1XX-XX-X-DV-XX

No OF POSITIONS
-04 THRU -90
(PER ROW)

LEAD STYLE
-01
(USE C-80-01-X)

AT PLATING SPECIFICATION
-F: 3µ" FLASH SELECTIVE GOLD
ON ENTIRE CONTACT
-G: 10µ" LIGHT GOLD ON ENTIRE CONTACT

OPTION
-P: PICK & PLACE PAD (SEE FIG 2, SHT 2) **AT**
(AVAILABLE ON POSITIONS -08 THRU -90 ONLY)
(USE LMP-10)
-TR: TAPE & REEL PACKAGING
-A: ALIGNMENT PIN (SEE FIG 3 & 4, SHT 2)
(MOLDED TO POSITION OR STAKED)
(SAMTEC DISCRETION WHICH -A PIN IS USED)
(STAKE 7 POSITIONS MIN)
(MOLD 4 POSITION MIN)
-K: POLYIMIDE FILM PAD
(AVAILABLE ON POS. 8 THRU 90 ONLY)
(.005 [.13] THICKNESS WITH SILICONE
ADHESIVE)(SEE FIG 5, SHT 2)
(USE K-500-300)
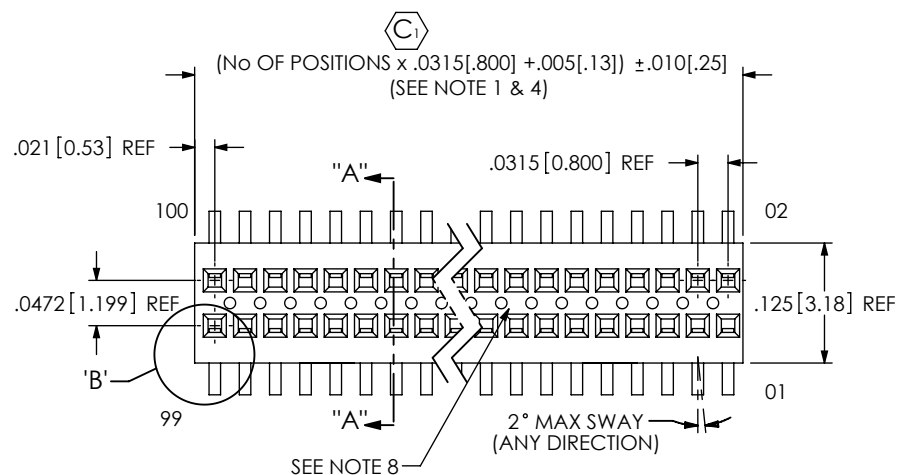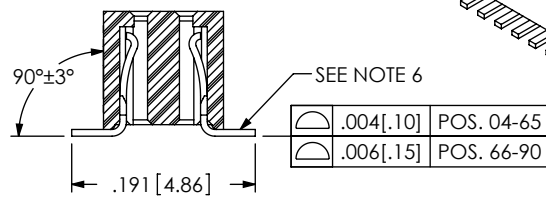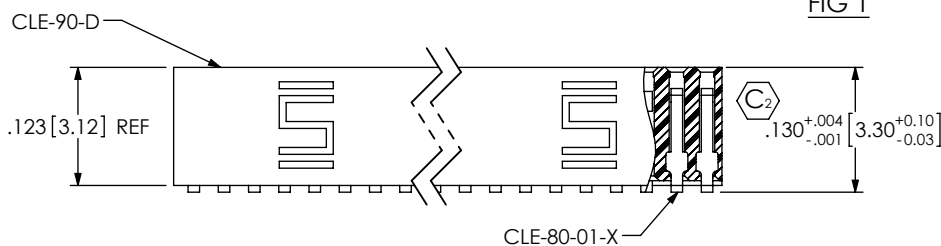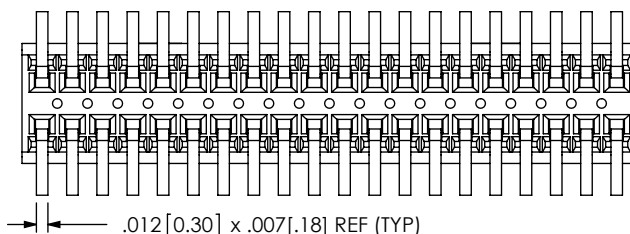
ROW SPECIFICATION
-D: DOUBLE ROW - VERTICAL
(USE CLE-90-D)

(C₁)
(No OF POSITIONS x .0315[.800] +.005[.13]) ±.010[.25]
(SEE NOTE 1 & 4)

.021 [0.53] REF

"A"

.0315 [0.800] REF

100

02

.0472 [1.199] REF

.125 [3.18] REF

'B'

01

99

"A"

2° MAX SWAY
(ANY DIRECTION)

SEE NOTE 8

FIG 1

CLE-90-D

.123 [3.12] REF

(C₂) $.130^{+.004}_{-.001}$ [$3.30^{+0.10}_{-0.03}$]

90°±3°

SEE NOTE 6

| $\cap$ | .004[.10] | POS. 04-65 |
| $\cap$ | .006[.15] | POS. 66-90 |

.191 [4.86]

CLE-80-01-X

SECTION "A"-"A"

.012 [0.30] x .007 [.18] REF (TYP)

END WALLS TO BE
SYMMETRICAL ±.0050
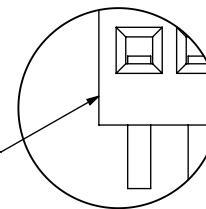
DETAIL 'B'
SCALE 10 : 1
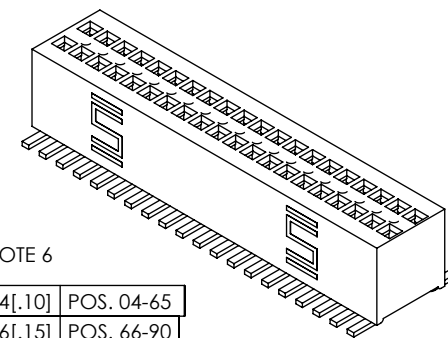
TUBE	PLUG
PT-1-24-01-62	TP-12
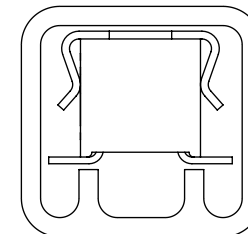
TUBE ALL POSITIONS

NOTES:

1. (C) REPRESENTS A CRITICAL DIMENSION.
2. NOTE DELETED.
3. MINIMUM PUSHOUT FORCE: .5 LB.
4. WILL LOSE TWO POSITIONS FOR EVERY CUT MADE. MAXIMUM CUT FLASH
   TO BE .010 [.25] WITH NO FLASH IN HOLES OR EXTENDING BELOW LEADS.
5. NOTE DELETED.
6. BURR ALLOWANCE: .003 [.08] MAX
7. ENDWALL AFTER CUTTING: .0115±.0025 [.292±.064]
8. VOIDS ON TOP SURFACE TO BE LOCATED AT VENDOR DISCRETION
   TO CONTROL PART WARPAGE.

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 5:1
INSULATOR: LCP, UL 94 VO, COLOR: BLACK

CONTACT: BeCu 190 ALLOY [TM04]
THICKNESS: .007[.18]REF

F:\DWG\MISC\MKTG\CLE-1XX-XX-X-DV-XX-MKT.SLDDRW

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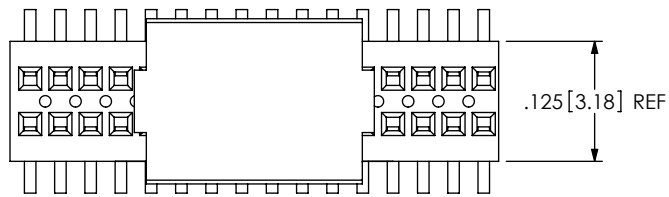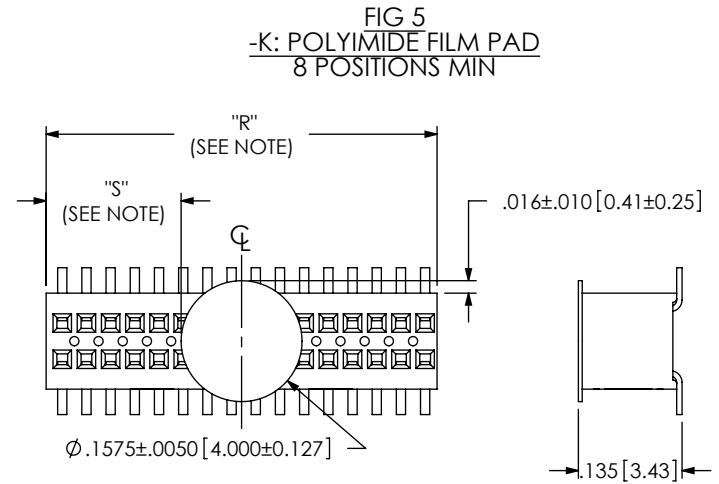PHONE: 812-944-6733   FAX: 812-948-5047
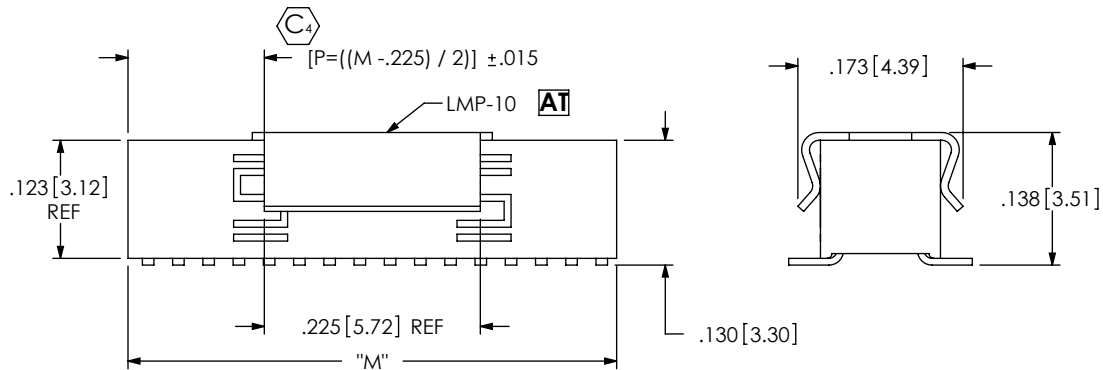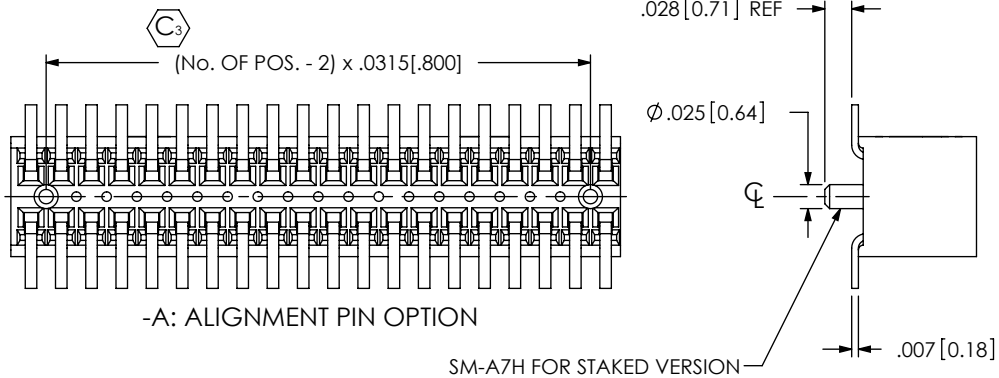e-Mail info@samtec.com   code 55322

DESCRIPTION:
.8MM x 1.2MM C.L. SOCKET STRIP ASSEMBLY

DWG. NO.
CLE-1XX-XX-X-DV-XX

BY: PURVIS   10/23/95

REVISION AT

FIG 2
-P OPTION
8 POSITIONS MIN

.125 [3.18] REF

C₄

[P=((M -.225) / 2)] ±.015

LMP-10 AT

.123 [3.12] REF

.225 [5.72] REF

"M"

.173 [4.39]

.138 [3.51]

.130 [3.30]

FIG 5
-K: POLYIMIDE FILM PAD
8 POSITIONS MIN

"R" (SEE NOTE)

"S" (SEE NOTE)

CL

.016±.010 [0.41±0.25]

Ø.1575±.0050 [4.000±0.127]

.135 [3.43]

NOTE: "R" = USED MEASURED DIMENSION (REF)
"S" = [("R" - .1575 [4.00]) / 2] ±.020 [.51]

C₃

(No. OF POS. - 2) x .0315 [.800]

.028 [0.71] REF

Ø.025 [0.64]

CL

-A: ALIGNMENT PIN OPTION

SM-A7H FOR STAKED VERSION

.007 [0.18]

FIG 3
-A STAKED OPTION
7 POSITIONS MIN

(No. OF POS. - 2) x .0315 [.800]
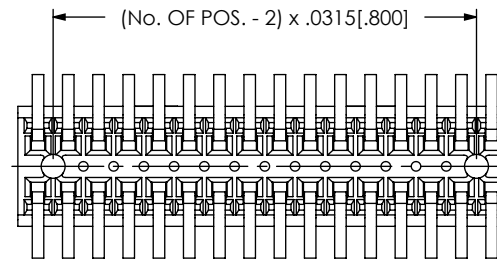
FIG 4
-A OPTION (MOLDED)
4 POSITIONS MIN

CLE-90-D-XX

.028 [0.71] (TYP)

.035 [0.89]

FULL RADIUS

Ø.025 [0.64] REF

.007 [0.18]

DESCRIPTION:
.8MM x 1.2MM C.L. SOCKET STRIP ASSEMBLY

DWG. NO.
CLE-1XX-XX-X-DV-XX

BY: PURVIS   10/23/95   SHEET 2 OF 2

F:\DWG\MISC\MKTG\CLE-1XX-XX-X-DV-XX-MKT.SLDDRW