

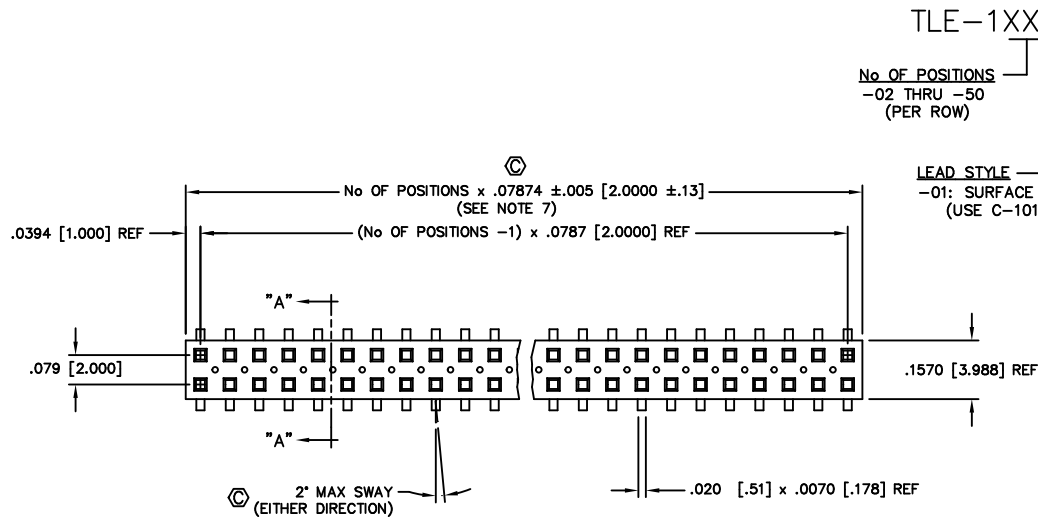
REVISION AC

DO NOT SCALE FROM THIS PRINT

DIMENSIONS ARE IN INCHES			UNLESS OTHERWISE NOTED	TOLERANCES ARE:	ANGLES
ONE PLACE DECIMALS ± .1	THREE PLACE DECIMALS ± .005	TWO PLACE DECIMALS ± .01	FOUR PLACE DECIMALS ± .0020		± 2°

TITLE: DUAL ROW 2mm x 2mm ASSEMBLY

DWG NO: TLE-1XX-XX-X-DV-X  
SHEET 1 OF 2



**TLE-1XX-XX-X-DV-X**

**No OF POSITIONS**  
-02 THRU -50 (PER ROW)

**LEAD STYLE**  
-01: SURFACE MOUNT (USE C-101-01-X)

**OPTION**

- A: ALIGNMENT PIN (SEE FIG 2 & 3, SHT. 2) (USE TLE-XX-D-XX) (MOLDED TO POSITION OR STAKED) (SAMTEC DISCRETION WHICH -A PIN IS USED) (MOLDED 3 POSITION MIN. SEE FIG 2, SHT 2.) (STAKED 4 POSITION MIN. SEE FIG 3, SHT 2)
- P: PICK & PLACE PAD OPTION (SEE FIG 4, SHT 2) (USE LMP-03) (4 POS. MIN.)
- TR: TAPE AND REEL OPTION (AVAILABLE FOR 02 THROUGH 37 POSITIONS ONLY)
- K: POLYAMIDE FILM PAD (3 POS MIN) (USE K-DOT-.197-.344-.005) (SEE FIGURE 5, SHEET 2)

**BODY SPECIFICATION**

**PLATING SPECIFICATION**  
-G: 10μ" GOLD ON ENTIRE CONTACT

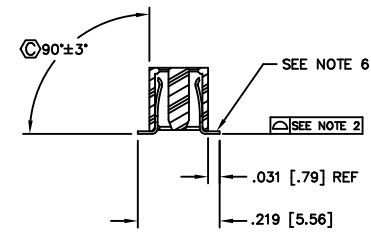
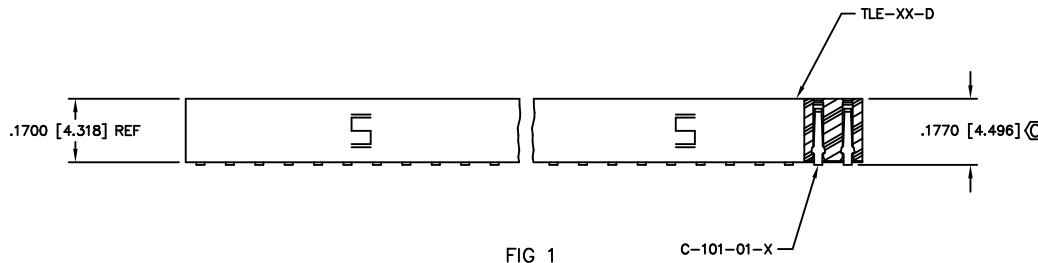


FIG 1

SECT "A-A"

- NOTES:
1. MINIMUM PUSHOUT FORCE: .4 lb.
  2. COPLANARITY; POS -02 THRU -26: .004  
POS -27 THRU -50: .006
  3. Ⓢ REPRESENTS A CRITICAL DIMENSION.
  4. ALL POSITIONS TO BE PACKAGED IN TUBES.
  5. FOR EVERY FINISHED PART, ONE POSITION WILL BE LOST WHEN CUTTING BODY TO LENGTH.
  6. BURR ALLOWANCE: .003 [.08] MAX
  7. CUT FLASH TO BE .010 [.25] MAX WITH NO FLASH ALLOWED IN HOLES OR EXTENDING BELOW LEADS.
  8. END WALLS TO BE .027+/- .005 [.69+/- .13] AFTER CUT.

**PATENT NUMBERS**  
5713755 / 5961339

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

MATERIAL:  
BODY:  
VECTRA E130I  
COLOR: BLACK  
TERMINAL:  
PHOSPHER BRONZE

EXISPROD\ASSEMBLY\2MM TLE-ASM

**samtec**

520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150  
PHONE (812) 944-6733 P.O. BOX 1147  
CODE 55322

MADE BY: D PURVIS 01-20-97

TLE-1XX-XX-X-DV-X  
SHEET 1 OF 2