

REVISION R

DIMENSIONS ARE IN INCHES

UNLESS OTHERWISE NOTED

TOLERANCES ARE:

ONE PLACE DECIMALS $\pm .1$ [2.54]
TWO PLACE DECIMALS $\pm .01$ [.254]THREE PLACE DECIMALS $\pm .005$ [.127]
FOUR PLACE DECIMALS $\pm .0020$ [.051]ANGLES
 $\pm 2^\circ$

TITLE:

1mm DUAL ROW
STRIP ASSEMBLY

DWG NO:

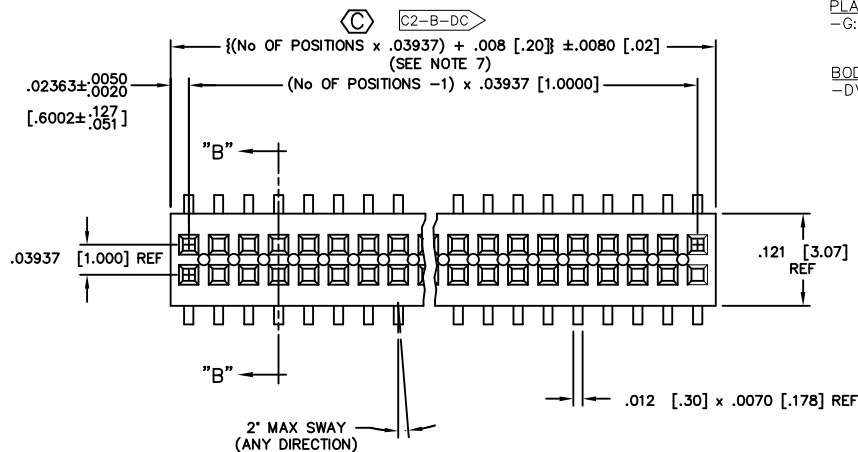
MLE-1XX-XX-X-DV-X
SHEET 1 OF 3PATENT NUMBERS
5713755 / 5961339

MLE-1XX-XX-X-DV-X

No OF POSITIONS
-02 THRU -75
(PER ROW)LEAD STYLE
-01: SURFACE MOUNT
(USE C-99-01-X)PLATING SPECIFICATION
-G: .000010 GOLD ON .000050
TO .000100 NICKELBODY SPECIFICATION
-DV: DOUBLE VERTICAL
(USE MLE-XX-D)

OPTION

- A: ALIGNMENT PIN (SEE FIG 2 & 3, SHT 2)
(USE MLE-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 7 POSITION MIN. SEE FIG 3, SHT 2)
- P: PICK & PLACE PAD
(SEE FIG 4, SHT 2) (USE LMP-01)
POSITIONS-05, AND -06 MUST BE PACKAGED IN T&R
(AVAILABLE ON POSITIONS -05 THRU -75 ONLY)
- K: POLYIMIDE FILM PAD (SEE FIG 5, SHT 2)
(-05 POSITIONS MINIMUM)
(USE K-DOT-.157-.250-.005)
- TR: TAPE & REEL (SEE FIG 6, SHT 3)

DO NOT SCALE
FROM THIS PRINT

CRITICAL DIMENSION INSPECTION TABLE	
ASSEMBLY OPERATION	IN-PROCESS INSPECTION
FILL C-99-01-X	C3, C5
CUT MLE-XX-D TO LENGTH	C2
INSTALL SM-A7H	C4

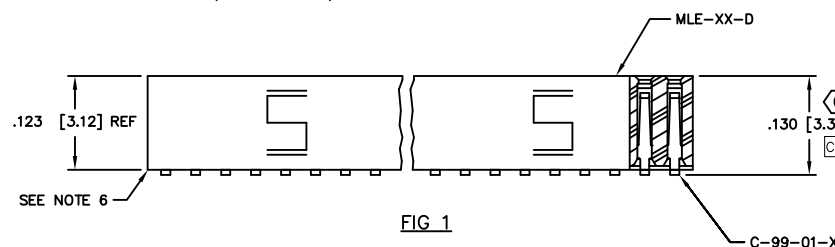
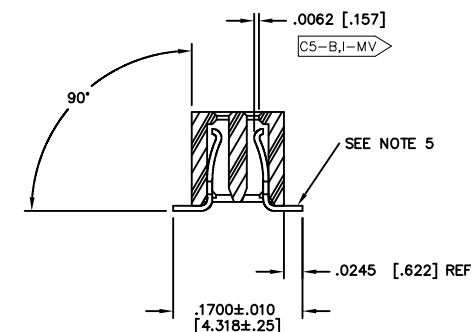


FIG 1



SECT "B-B"

NOTES:

1. MINIMUM PUSHOUT FORCE: .5 lb.
2. COPLANARITY; POS -02 THRU -26: .004 [.10]
POS -27 THRU -75: .006 [.15]
3. (C) REPRESENTS A CRITICAL DIMENSION.
4. POSITIONS -05, -06 WITH PADS TO BE PACKAGED IN T&R, POSITIONS -05, 06 WITHOUT PADS AND POSITIONS -07 THRU -75 WITH OR WITHOUT PADS TO BE PACKAGED IN TUBES, POSITIONS -02 THRU -04 TO BE LAYER PACKAGED.
5. BURR ALLOWANCE: .003 [.08] MAX
6. .010 [.25] MAX CUT FLASH NOT TO PROTRUDE BELOW LEADS.
7. WILL LOSE TWO POSITIONS FOR EVERY CUT MADE. MAXIMUM CUT FLASH TO BE .010 [.25] WITH NO FLASH IN HOLES OR EXTENDING BELOW LEADS.
8. ENDWALL THICKNESS TO BE SYMMETRICAL WITHIN .005 [.13].

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC INC. AND SHALL NOT BE
REPRODUCED OR TRANSMITTED IN
ANY FORM OR BY ANY MEANS
ELECTRONIC OR MECHANICAL,
INCLUDING PHOTOCOPYING, RECORDING,
OR BY ANY INFORMATION STORAGE
AND RETRIEVAL SYSTEM, WITHOUT THE
WRITTEN CONSENT OF SAMTEC INC.

MATERIAL:
INSULATOR:
BLACK LIQUID CRYSTAL POLYMER

TERMINAL:
BERYLLIUM COPPER

samtec

EXISPROD\ASSEMBLY\1MM
MLE-ASM

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

MADE BY: D PURVIS 01-07-97

MLE-1XX-XX-X-DV-X
SHEET 1 OF 3