

REVISION Q

UNLESS OTHERWISE NOTED

TOLERANCES ARE:

TITLE:

1mm DUAL ROW
STRIP ASSEMBLY

DWG NO:

MLE-1XX-XX-X-DV-X
SHEET 1 OF 3ONE 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
 $\pm 2^\circ$ PATENT 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

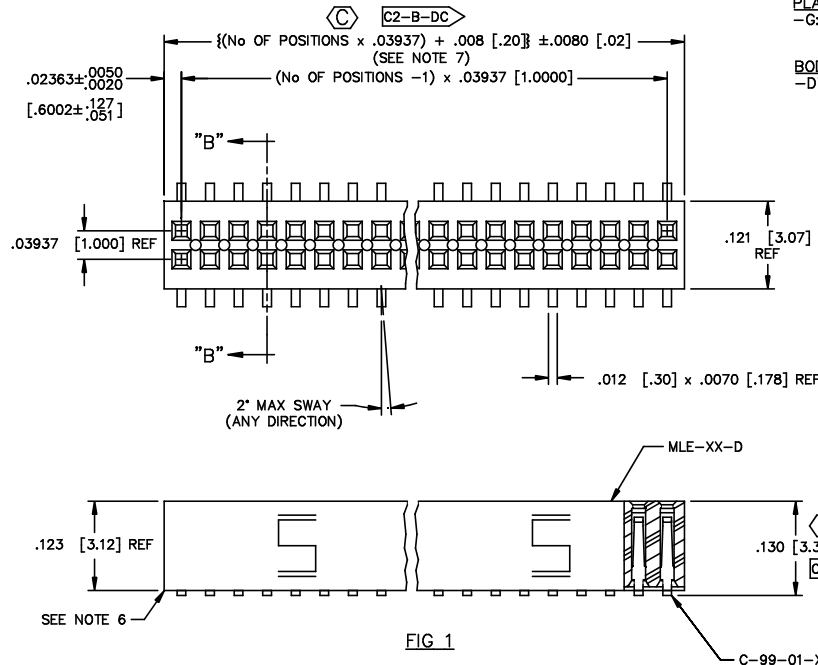
-G: .000010 GOLD ON .000050
TO .000100 NICKEL

BODY SPECIFICATION

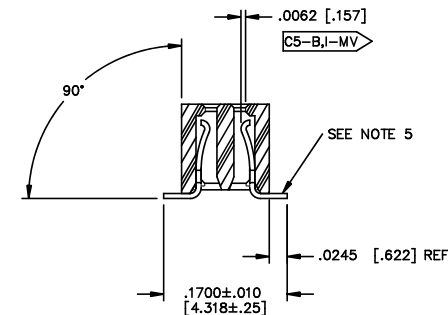
-DV: DOUBLE VERTICAL
(USE MLE-XX-D)

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) $\square$
- TR: TAPE & REEL (SEE FIG 6, SHT 3)



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



NOTES:

1. MINIMUM PUSHOUT FORCE: .5 lb.
2. COPLANARITY; POS -02 THRU -26: .004 [.10]
POS -27 THRU -75: .006 [.15]
3. $\square$ 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
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MATERIAL:
INSULATOR:
BLACK LIQUID CRYSTAL POLYMER

TERMINAL:
BERYLLIUM COPPER

samtec

EXSPPROD\ASSEMBLY\1MM
MLE-ASM

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MADE BY: D PURVIS 01-07-97

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