

REVISION AJ

UNLESS OTHERWISE NOTED			TITLE: 1mm x 1mm CENTERLINE SURFACE MOUNT BOARD STACKER ASSEMBLY	DWG NO: MW-XX-03-X-D-XXX-XXX-XX SHEET 1 OF 3
DIMENSIONS ARE IN INCHES		TOLERANCES ARE:		
ONE PLACE DECIMALS ±.1[2.5]	THREE PLACE DECIMALS ±.005[.13]	ANGLES ± 3°		
TWO PLACE DECIMALS ±.01[.3]	FOUR PLACE DECIMALS ±.0020[.051]			

SHEET 1 OF 3

TABLE 1			
"A" RANGE	BODY STYLE		FIG.
	UPPER	LOWER	
.095 - .129 [2.41 - 3.28]	FTM-50-D	FTM-50-D	2
.130 - .245 [3.30 - 6.22]	FTMH-75-D	MW-75-D	1

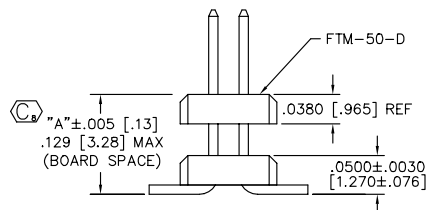
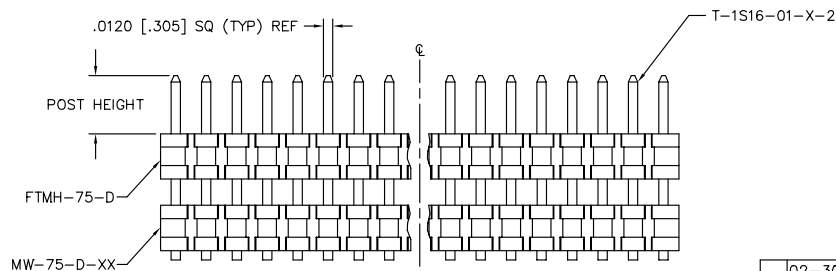
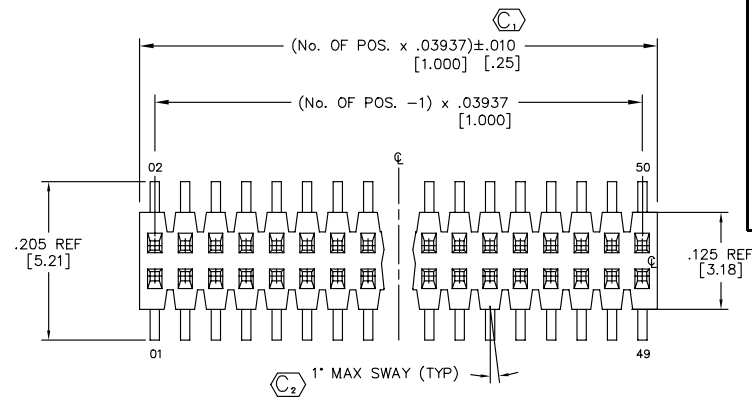
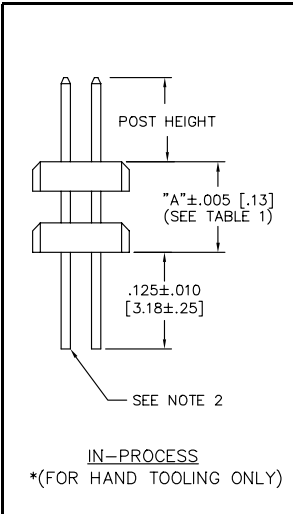
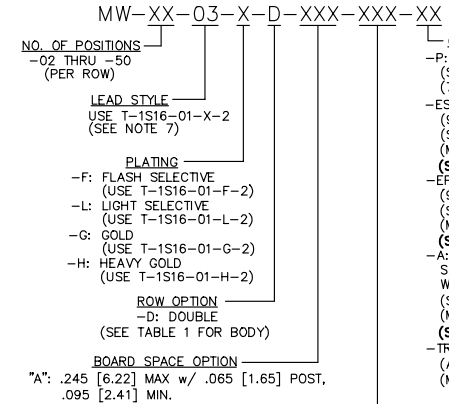
SEE NOTES
5 & 6

FIG. 2

(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIGURE 1)

IN-PROCESS
*(FOR HAND TOOLING ONLY)

NOTES:

1. PARTS MAY BE CUT TO POSITION; .010 MAX CUT FLASH.
2. SHEAR TAILS TO DIMENSION SHOWN; .003 MAX BURR. (FOR HAND TOOLING ONLY)
3. C1 REPRESENTS A CRITICAL DIMENSION
4. PACKAGE POSITIONS 05 THROUGH 50 IN TUBES; LAYER PACKAGE POSITIONS 02 THROUGH 04.
5. HAND ASSEMBLED PARTS TO BE 2 BLACK BODIES AND MACHINE ASSEMBLED TO BE TOP: BLACK BOTTOM: NATURAL, BOARD SPACE .130-.245. BOARD SPACE .095-.129 WILL HAVE BLACK FTM BODY.
6. FOR HAND FILL, USE FTMH-75-D FOR LOWER BODY.
7. FOR MACHINE FILLED, USE T-1S16-03-X-2.
8. AVAILABLE ONLY WITH BOARD SPACE .130 TO .245.

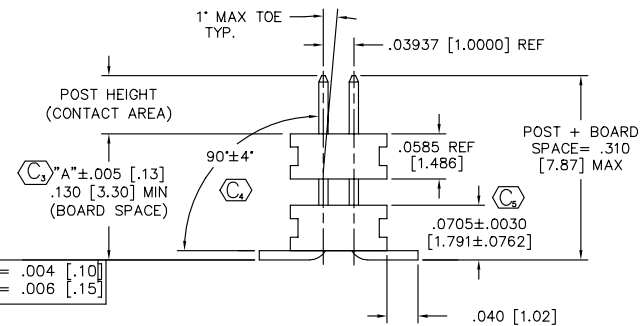


FIG. 1

MATERIAL:
FTM-50-D &
FTMH-75-D
LIQUID CRYSTAL POLYMER
COLOR: BLACK
MW-75-D-XX
LIQUID CRYSTAL POLYMER
COLOR: NATURAL

TERMINAL:
PHOS BRONZE

MAX FLASH ALLOWED:
.002 [.05]

MAX GATE VESTIGE
ALLOWED: .002 [.05]

EXISPROD\ASSEMBLY\1mm
MW-ASM

samtec

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

MADE BY: BRATCHER 4-3-95

MW-XX-03-X-D-XXX-XXX-XX
SHEET 1 OF 3

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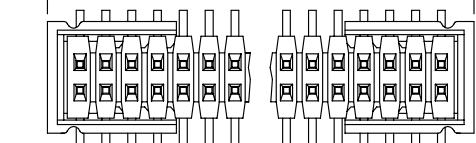
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FIG. 4

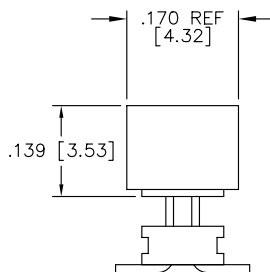
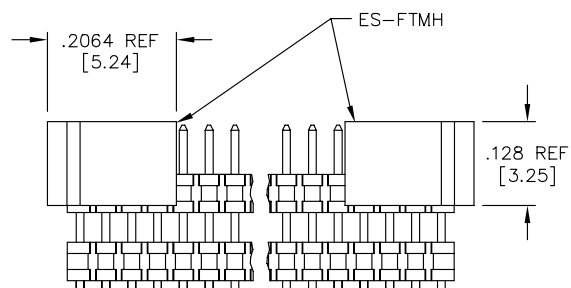
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1)

$$\left\{ (\text{NO OF POS} + 2) \times .03937 \right\} + .005 / -.015$$

$$[1.000] \quad [.13] \quad [.38]$$



-ES OPTION



DIMENSIONS ARE IN INCHES

UNLESS OTHERWISE NOTED

TOLERANCES ARE:

ONE PLACE DECIMALS $\pm .1$ [2.5]THREE PLACE DECIMALS $\pm .005$ [.13]TWO PLACE DECIMALS $\pm .01$ [.3]FOUR PLACE DECIMALS $\pm .0020$ [.051]

ANGLES

 $\pm 3^\circ$

TITLE:

1mm x 1mm CENTERLINE
SURFACE MOUNT BOARD
STACKER ASSEMBLY

DWG NO:

MW-XX-03-X-D-XXX-XXX-XX

SHEET 2 OF 3

FIG. 3

(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1)

NOTE: "M" = USED MEASURED DIMENSION (REF)

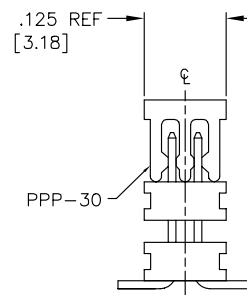
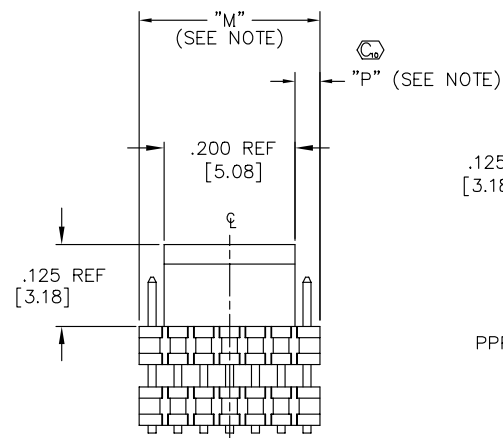
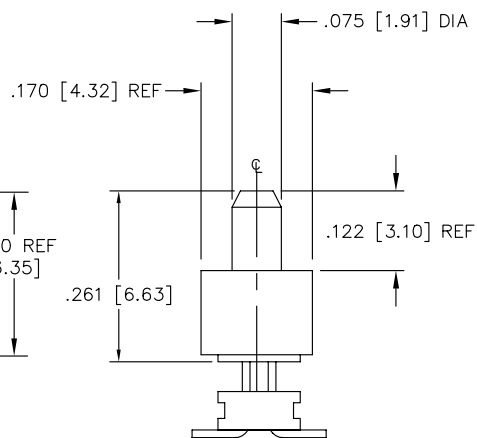
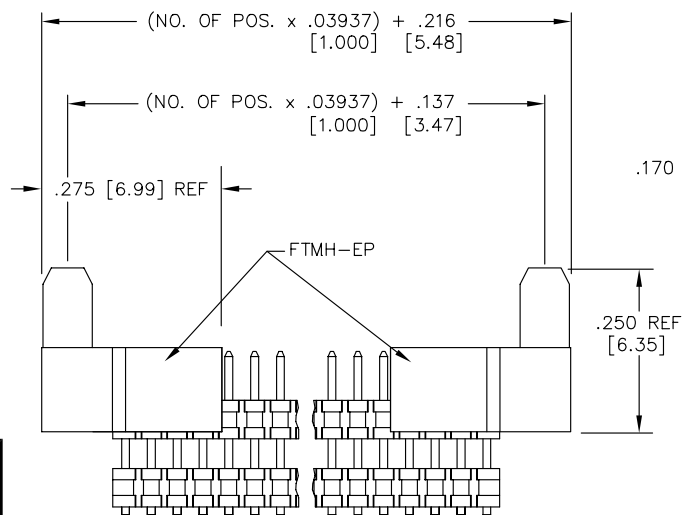
"P" = $\{ ("M" - .200 [5.08]) / 2 \} \pm .020 [5.1]$ 

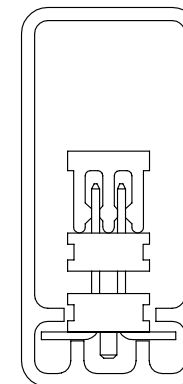
FIG. 5

(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1)

-EP OPTION



PACKAGING VIEW

PARTS TO BE PACKAGED IN
PT-1-24-02-60 TUBE USING
2 TP-03 PLUGS.

PLOT SCALE: 1 = .15

EXISPROD\ASSEMBLY\1MM
MW-ASM2
samtec
520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150
PHONE (812) 944-6733 P.O. BOX 1147
CODE 55322

SHT 2 MADE BY:

JONES 1-17-97

ENG.

APPROVAL

MW-XX-03-X-D-XXX-XXX-XX

SHEET 2 OF 3

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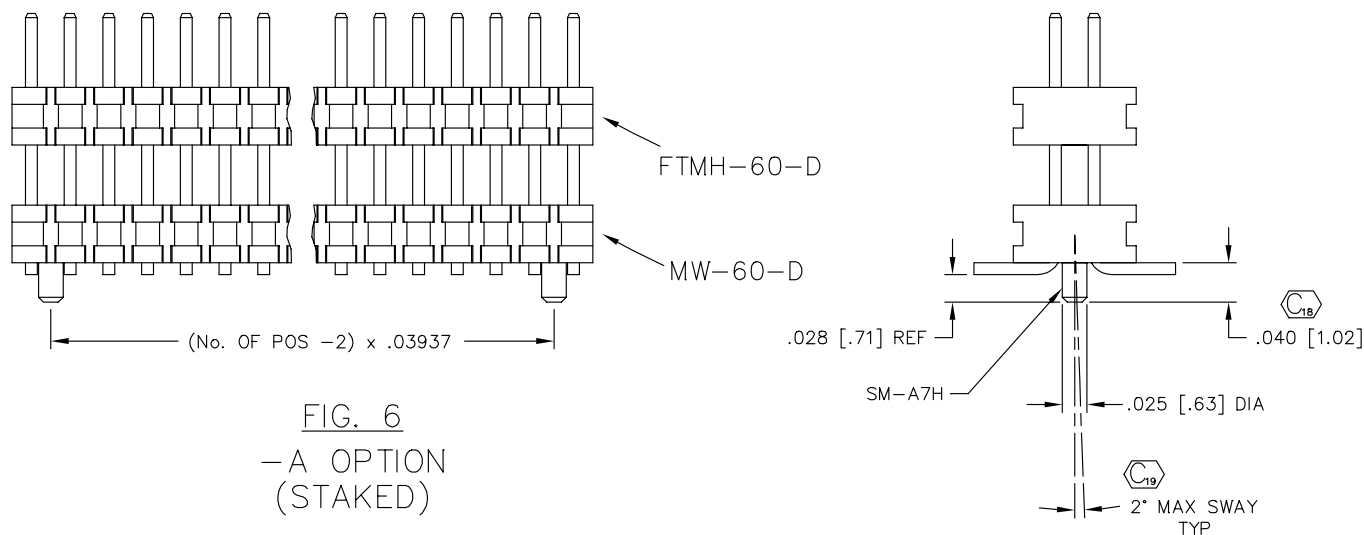


FIG. 6
- A OPTION
(STAKED)
MAX 60 POSITIONS

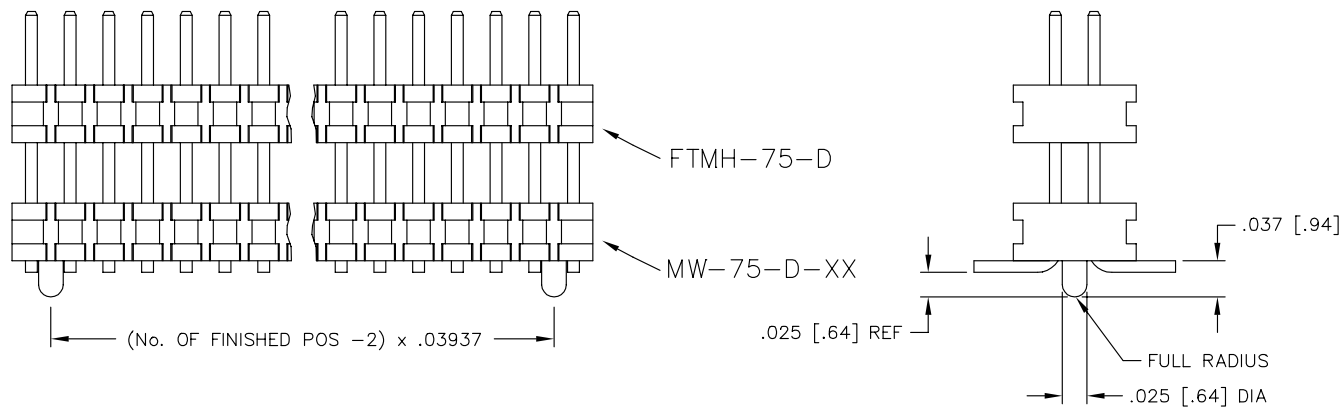


FIG. 7
- A OPTION
(MOLDED)
MAX 75 POSITIONS

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PLOT SCALE: 1 = .1
EXISPROD\ASSEMBLY\1MM
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