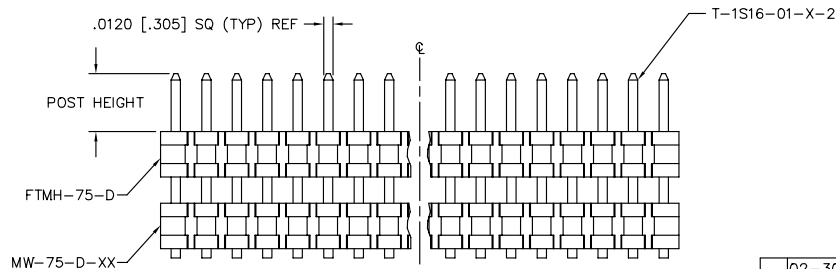
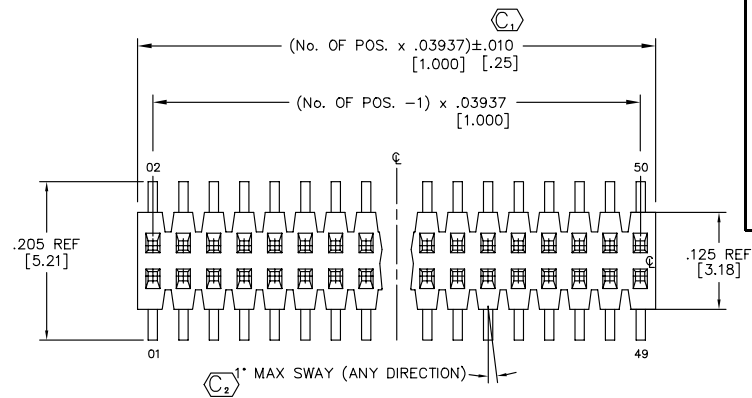
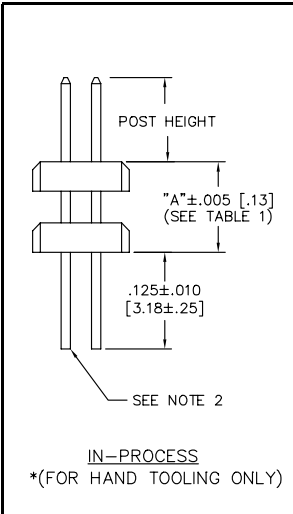


UNLESS OTHERWISE NOTED			TITLE: 1mm x 1mm CENTERLINE SURFACE MOUNT BOARD STACKER ASSEMBLY	DWG NO: MW-XX-03-X-D-XXX-XXX-XX SHEET 1 OF 3
DIMENSIONS ARE IN INCHES		TOLERANCES ARE:		
ONE PLACE DECIMALS ±.1[2.5]	THREE PLACE DECIMALS ±.005[.13]	ANGLES ±3°		
TWO PLACE DECIMALS ±.01[.3]	FOUR PLACE DECIMALS ±.0020[.051]			

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 & 6FIG. 2
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIGURE 1)IN-PROCESS
*(FOR HAND TOOLING ONLY)

MW-XX-03-X-D-XXX-XXX-XX		OPTION
NO. OF POSITIONS -02 THRU -50 (PER ROW)		-P: PICK & PLACE PAD (SEE SHT 2, FIG 3, USE PPP-30) (7 POS PER ROW MIN)
LEAD STYLE USE T-1S16-01-X-2 (SEE NOTE 7)		-ES: END SHROUDS (9 POS PER ROW MIN) (SEE SHT 2, FIG 4) (MAX POST: .075 [1.91])
PLATING		(SEE NOTE 8)
-F: FLASH SELECTIVE (USE T-1S16-01-F-2)		-EP: GUIDE POST (9 POS PER ROW MIN) (SEE SHT 2, FIG 5) (MAX POST: .075 [1.91])
-L: LIGHT SELECTIVE (USE T-1S16-01-L-2)		(SEE NOTE 8)
-G: GOLD (USE T-1S16-01-G-2)		-A: ALIGNMENT PINS (MOLDED OR STAKED, SAMTEC'S DISCRETION ON WHICH)(SEE FIGS 6 & 7, SHT 3)
-H: HEAVY GOLD (USE T-1S16-01-H-2)		(STAKED: 7 POS MIN, 60 POS MAX) (MOLDED: 5 POS MIN, 75 POS MAX)
ROW OPTION -D: DOUBLE (SEE TABLE 1 FOR BODY)		(SEE NOTE 8)
BOARD SPACE OPTION		-TR: TAPE & REEL (ALL POSITIONS) (MAX HEIGHT: .6875)
"A": .245 [6.22] MAX w/ .065 [1.65] POST, .095 [2.41] MIN.		
POST HEIGHT .065 [1.65] MIN (POST + BOARD SPACE = .310 [7.87] MAX)		

NOTES:

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

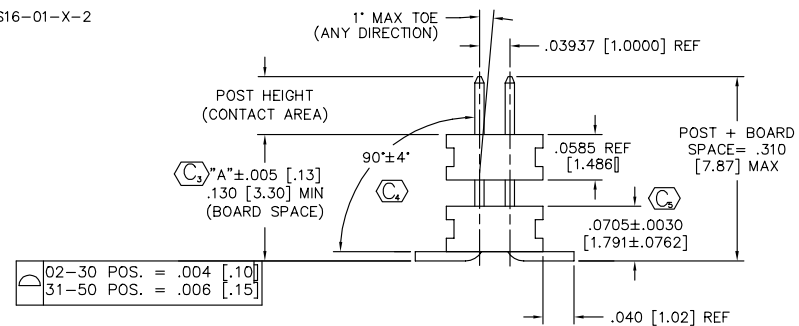


FIG. 1

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

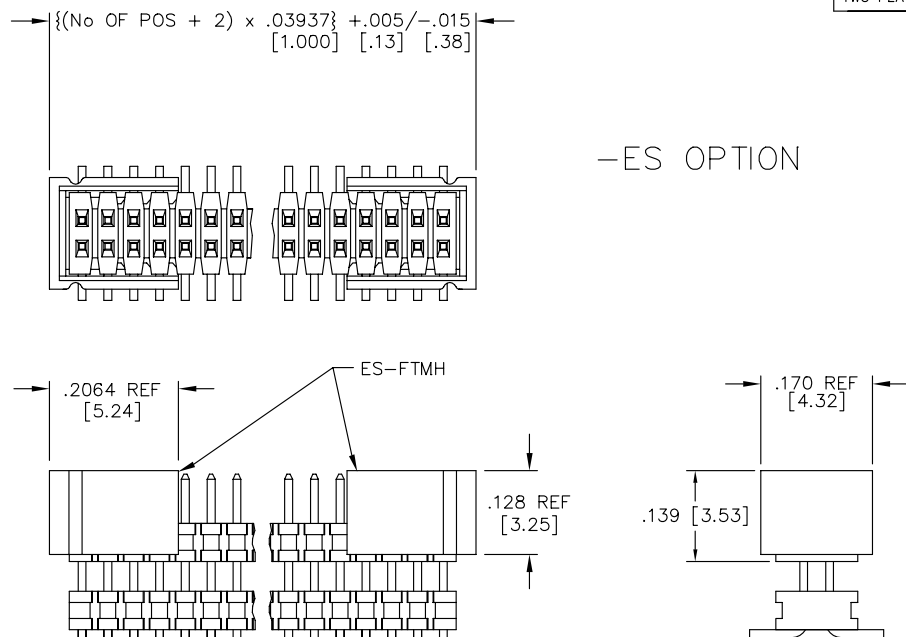
MADE BY: BRATCHER 4-3-95

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

REV. AG

FIG. 4

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



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)

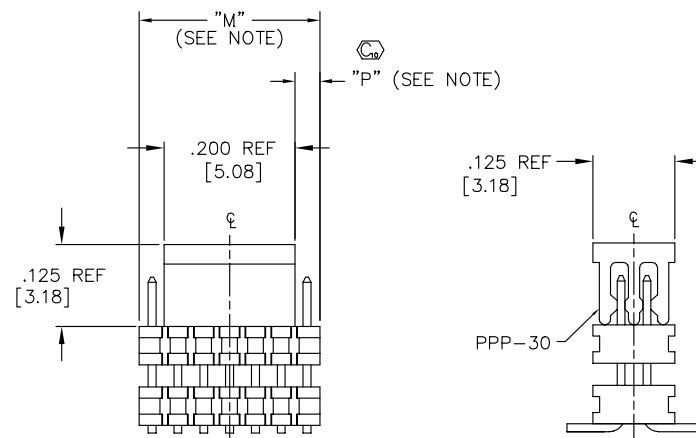
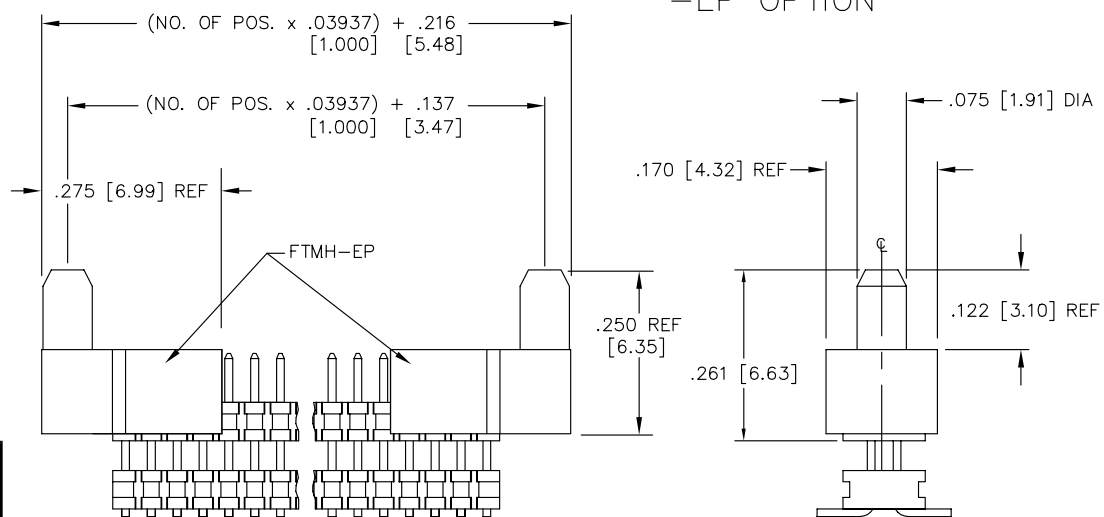
"P" = $\{ ("M" - .200 [5.08]) / 2 \} \pm .020 [0.51]$ 

FIG. 5

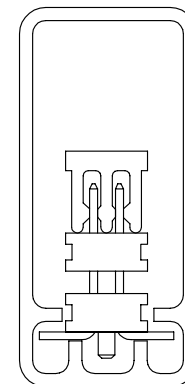
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1)

-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

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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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REV. AG

UNLESS OTHERWISE NOTED			TITLE: 1mm x 1mm CENTERLINE SURFACE MOUNT BOARD STACKER ASSEMBLY	DWG NO: MW-XX-03-X-D-XXX-XXX-XX SHEET 3 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]			

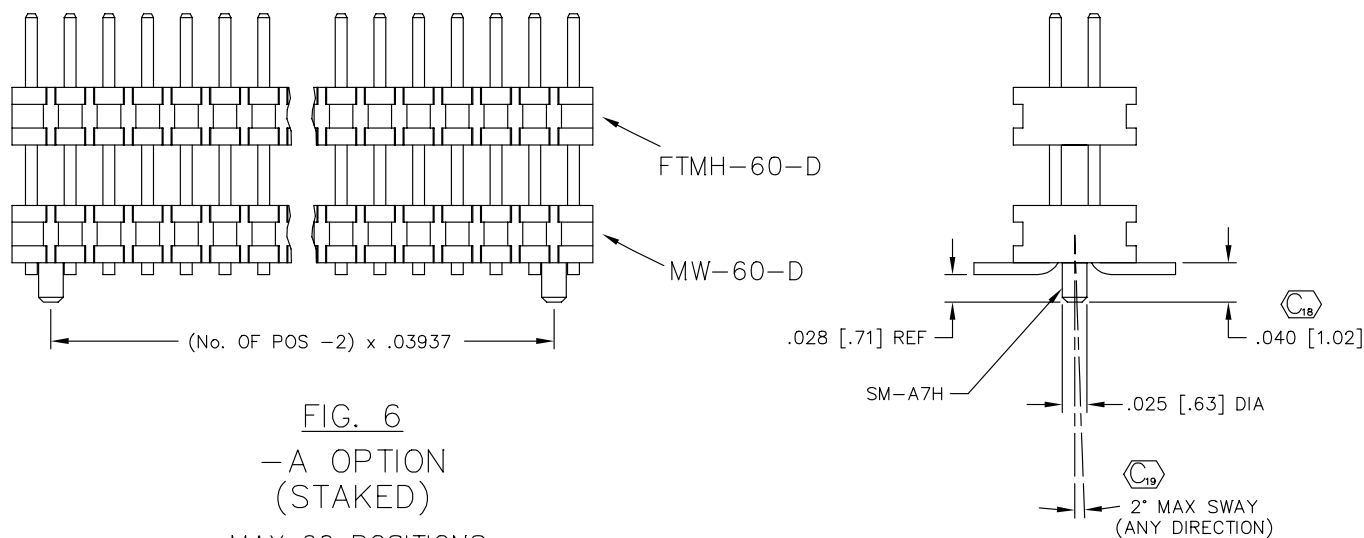


FIG. 6
- A OPTION
(STAKED)
MAX 60 POSITIONS

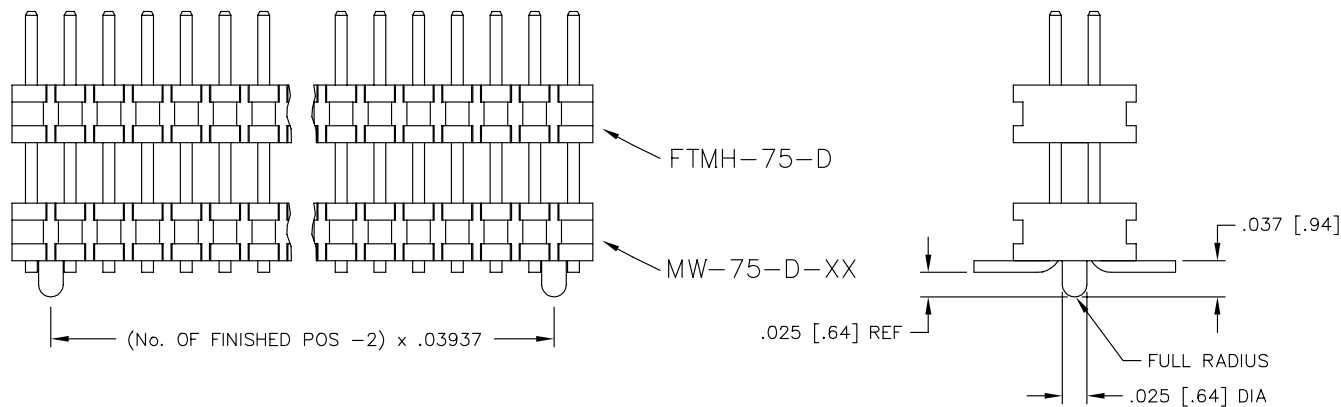


FIG. 7
- A OPTION
(MOLDED)
MAX 75 POSITIONS

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PLOT SCALE: 1 = .1

EXISPROD\ASSEMBLY\1MM
MW-ASM3

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SHEET 3 OF 3