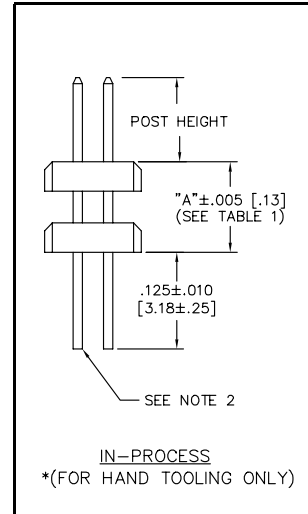
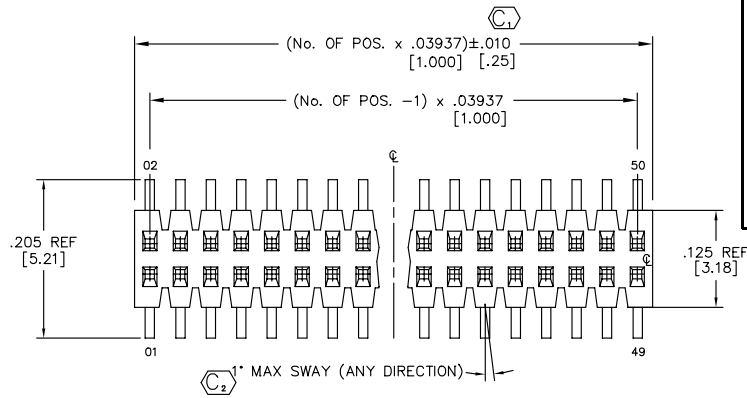


"A" RANGE	BODY STYLE		FIG.
	UPPER	LOWER	
.095 - .129 [2.41 - 3.28]	FTM-50-D	FTM-50-D	2
.130 - .245 [3.30 - 6.22]	FTMH-75-D	MW-75-D	1

SEE NOTES 5 & 6



IN-PROCESS
*(FOR HAND TOOLING ONLY)

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

NO. OF POSITIONS: -02 THRU -50 (PER ROW)

LEAD STYLE: USE T-1S16-01-X-2 (SEE NOTE 7)

PLATING: -F: FLASH SELECTIVE (USE T-1S16-01-F-2); -L: LIGHT SELECTIVE (USE T-1S16-01-L-2); -G: GOLD (USE T-1S16-01-G-2); -H: HEAVY GOLD (USE T-1S16-01-H-2)

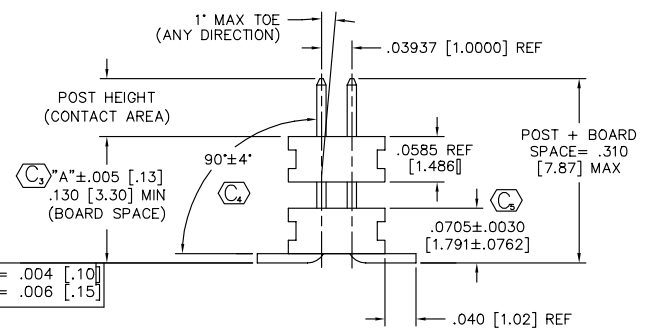
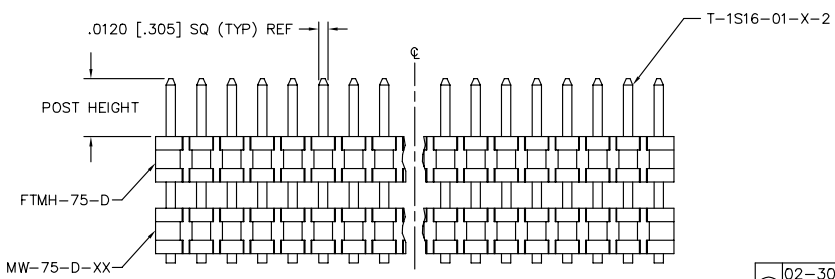
ROW OPTION: -D: DOUBLE (SEE TABLE 1 FOR BODY)

BOARD SPACE OPTION: "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)

OPTION: -P: PICK & PLACE PAD (SEE SHT 2, FIG 3, USE PPP-30) (7 POS PER ROW MIN); -ES: END SHROUDS (9 POS PER ROW MIN) (SEE SHT 2, FIG 4) (MAX POST: .075 [1.91]); (SEE NOTE 8); -EP: GUIDE POST (9 POS PER ROW MIN) (SEE SHT 2, FIG 5) (MAX POST: .075 [1.91]); (SEE NOTE 8); -A: ALIGNMENT PINS (MOLDED OR STAKED, SAMTEC'S DISCRETION ON WHICH)(SEE FIGS 6 & 7, SHT 3) (STAKED: 7 POS MIN, 60 POS MAX) (MOLDED: 5 POS MIN, 75 POS MAX) (SEE NOTE 8); -TR: TAPE & REEL (ALL POSITIONS) (MAX HEIGHT: .6875)

- 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.



02-30 POS. = .004 [.10]
31-50 POS. = .006 [.15]

FIG. 1

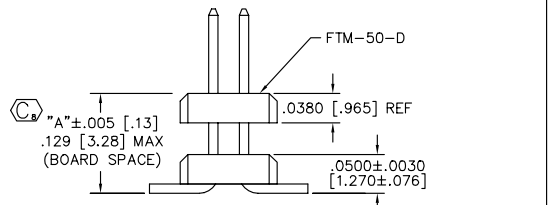


FIG. 2
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIGURE 1)

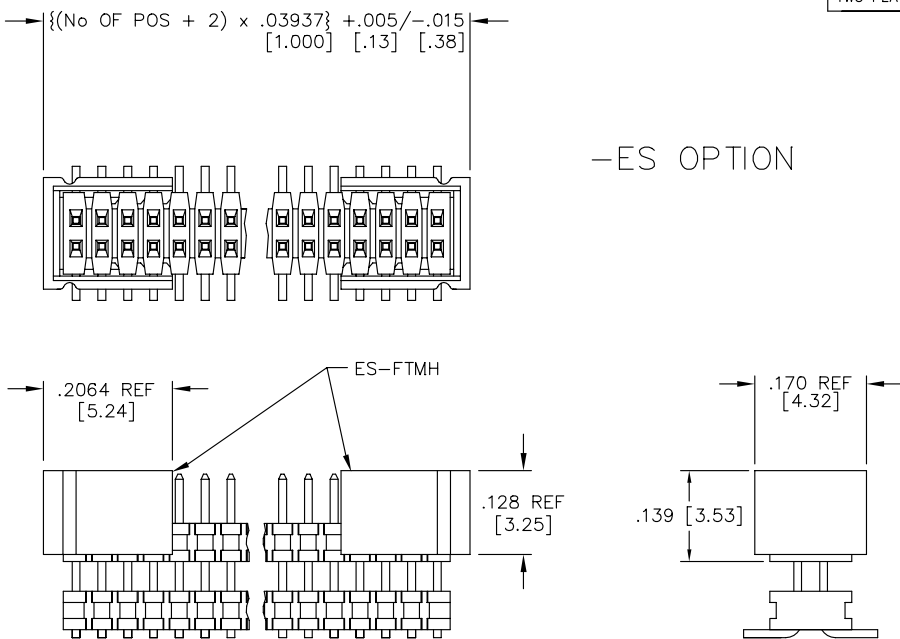
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MATERIAL: FTM-50-D & FTMH-75-D LIQUID CRYSTAL POLYMER COLOR: BLACK MW-75-D-XX: LIQUID CRYSTAL POLYMER COLOR: NATURAL TERMINAL: PHOS BRONZE MAX FLASH ALLOWED: .002 [.05] MAX GATE VESTIGE ALLOWED: .002 [.05]	<p>520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150 PHONE (812) 944-6733 P.O. BOX 1147 CODE 55322</p>	<p>EXISPROD\ASSEMBLY\1mm MW-ASM</p> <p>MADE BY: BRATCHER 4-3-95</p>	<p>MW-XX-03-X-D-XXX-XXX-XX</p> <p>SHEET 1 OF 3</p>
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REV. AG

FIG. 4

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



UNLESS OTHERWISE NOTED		TOLERANCES ARE:		TITLE:	DWG NO:
DIMENSIONS ARE IN INCHES		ONE PLACE DECIMALS $\pm .1$ [2.5] THREE PLACE DECIMALS $\pm .005$ [.13]		1mm x 1mm CENTERLINE SURFACE MOUNT BOARD STACKER ASSEMBLY	MW-XX-03-X-D-XXX-XXX-XX
		TWO PLACE DECIMALS $\pm .01$ [.3] FOUR PLACE DECIMALS $\pm .0020$ [.051]		ANGLES $\pm 3^\circ$	SHEET 2 OF 3

FIG. 3

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

NOTE: "M" = USED MEASURED DIMENSION (REF)
 "P" = $\{("M" - .200 [5.08]) / 2\} \pm .020 [0.51]$

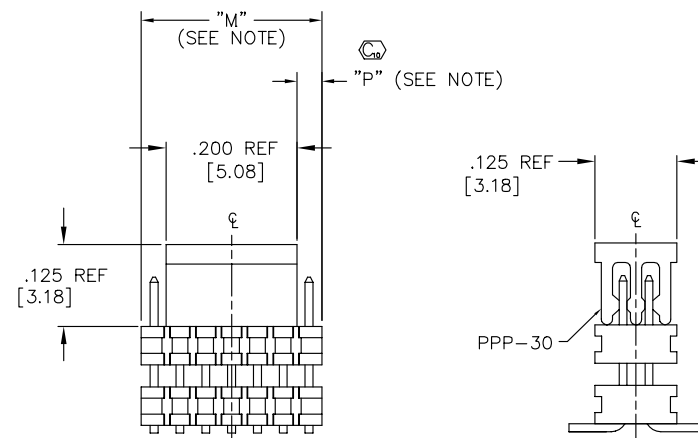
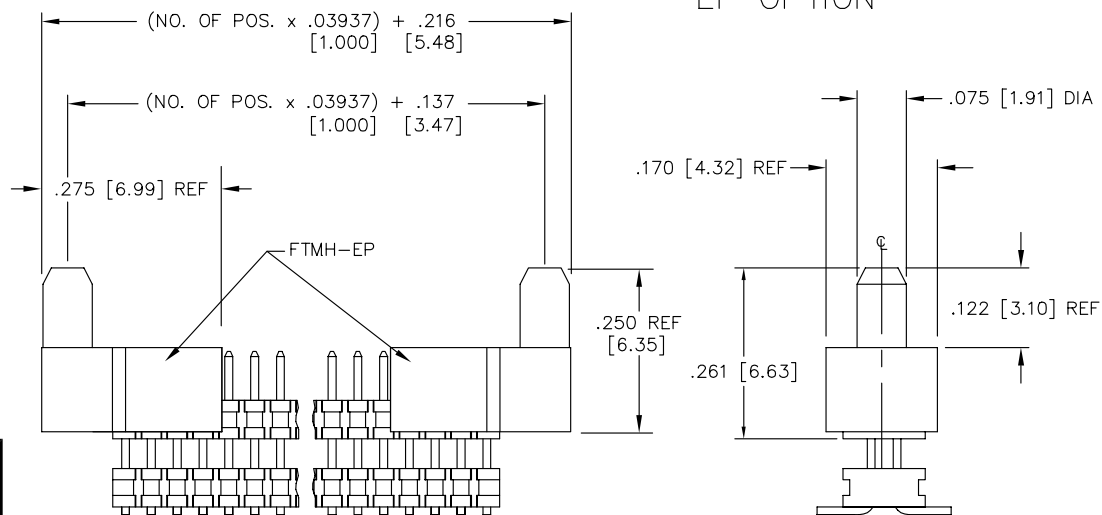


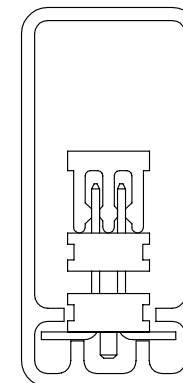
FIG. 5

(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

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 CODE 55322

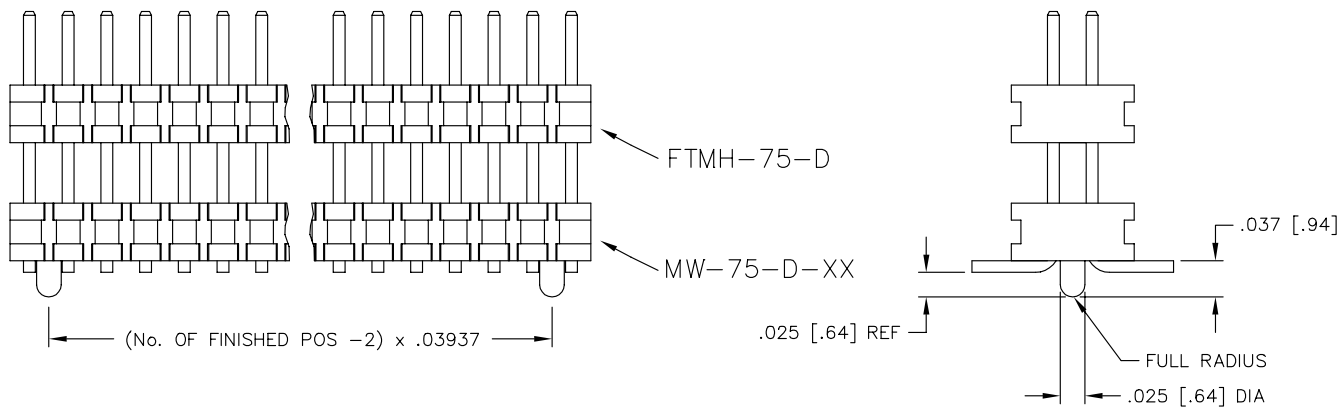
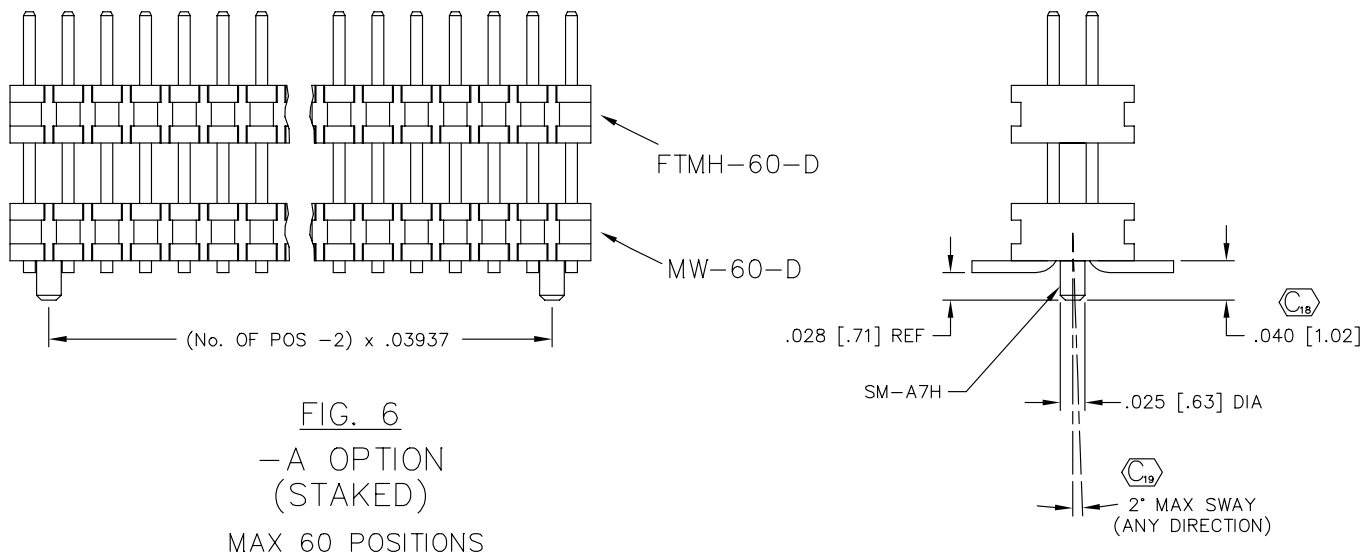
SHT 2 MADE BY: JONES 1-17-97	ENG. APPROVAL	MW-XX-03-X-D-XXX-XXX-XX SHEET 2 OF 3
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DIMENSIONS ARE IN INCHES		UNLESS OTHERWISE NOTED	TOLERANCES ARE:
ONE PLACE DECIMALS $\pm .1$ [2.5]	THREE PLACE DECIMALS $\pm .005$ [.13]	ANGLES	$\pm 3^\circ$
TWO PLACE DECIMALS $\pm .01$ [.3]	FOUR PLACE DECIMALS $\pm .0020$ [.051]		

TITLE:
1mm x 1mm CENTERLINE
SURFACE MOUNT BOARD
STACKER ASSEMBLY

DWG NO:
MW-XX-03-X-D-XXX-XXX-XX
SHEET 3 OF 3



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PLOT SCALE: 1 = .1
EXISPROD\ASSEMBLY\1MM
MW-ASM3

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CODE 55322

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