

REVISION AQ

DO NOT SCALE
FROM THIS PRINT

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-XX-D	MW-XX-D	1

SEE NOTES
5 & 6

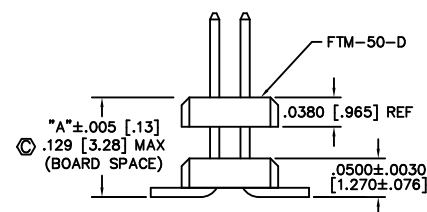
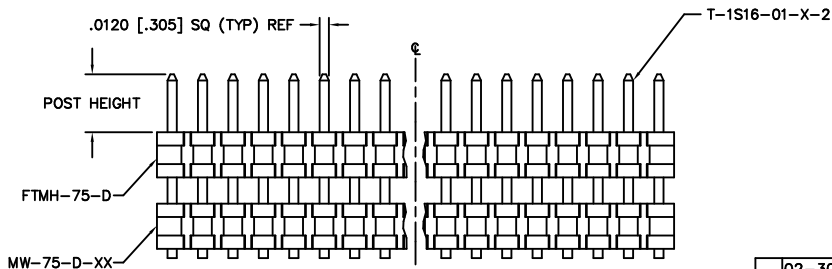
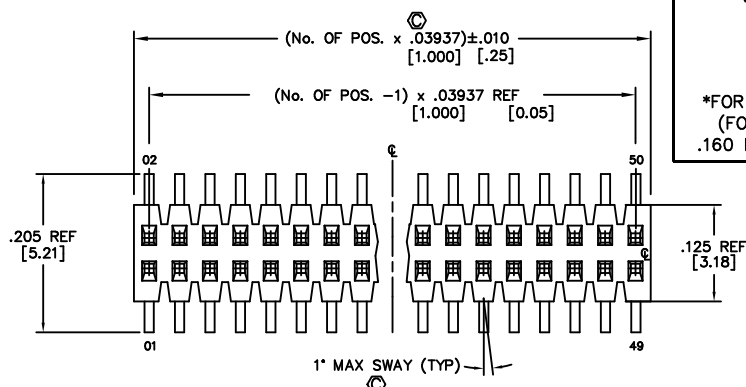
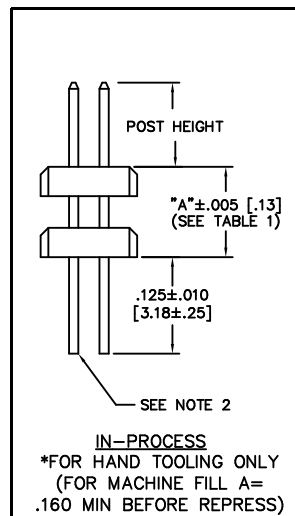


FIG. 2
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIGURE 1)



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

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

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: 3μ" SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL (USE T-1S16-01-F-2)
-L: 10μ" SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL (USE T-1S16-01-L-2)
-G: 10μ" GOLD IN CONTACT AREA,
3μ" GOLD ON TAIL (USE T-1S16-01-G-2)
-H: 30μ" GOLD IN CONTACT AREA,
3μ" GOLD ON TAIL (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)
(USE PPP-30-NIT FOR -TR ONLY)

-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)
 - C 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 MACHINE ASSEMBLED TO BE TOP-BLACK
BOTTOM; NATURAL. BOARD SPACE .130-.245.
BOARD SPACE .095-.129 WILL HAVE BLACK FTM BODY
 - FOR HAND FILL, USE FTMH-XX-D FOR LOWER BODY.
 - FOR MACHINE FILLED, USE T-1S16-03-X-2.
 - AVAILABLE ONLY WITH BOARD SPACE .130 TO .245.
 - .75 POSITION AVAILABLE FOR SAMTEC INVENTORY ONLY.
 - FOR ADDED MECHANICAL STABILITY, SAMTEC RECOMMENDS MECHANICAL BOARD
SPACERS BE USED IN APPLICATIONS WITH GOLD OR SELECTIVE GOLD PLATED
CONNECTORS. CONTACT IPG@SAMTEC.COM FOR MORE INFORMATION.

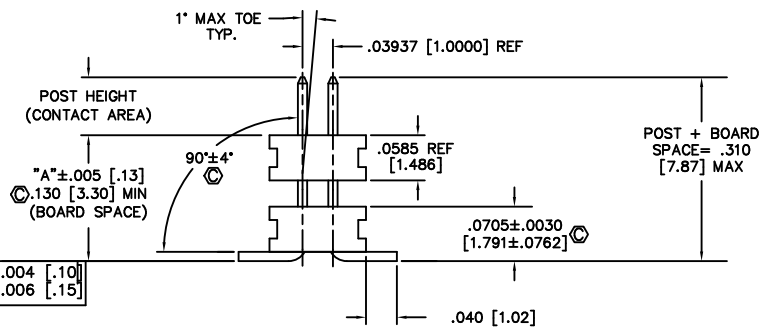


FIG. 1

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]

EXSPROD/ASSEMBLY/mm
MW-ASM

samtec

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CODE 55322

MADE BY: BRATCHER 4-3-95

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

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