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TABLE 1			
"A" RANGE	BODY STYLE (SEE NOTE 5 & 6)		FIG
	UPPER	LOWER	
.095[2.41] - .129[3.28]	FTM-XX-D	FTM-XX-D	2
.130[3.30] - .245[6.22]	FTMH-XX-D	MW-XX-D	1

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

No OF POSITIONS
-02 THRU -50
(PER ROW)

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

PLATING SPECIFICATION
-F: 3µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-L: 10µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-G: 10µ" GOLD IN CONACT AREA, 3µ" GOLD ON TAIL
-H: 30µ" GOLD IN CONACT AREA, 3µ" GOLD ON TAIL

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

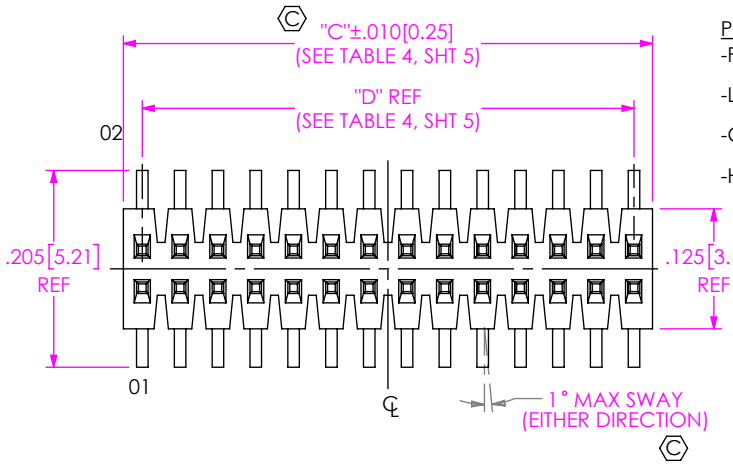
BOARD SPACE OPTION
"A": .245 [6.22] MAX w/ .065 [1.65] POST, .095 [2.41] MIN.

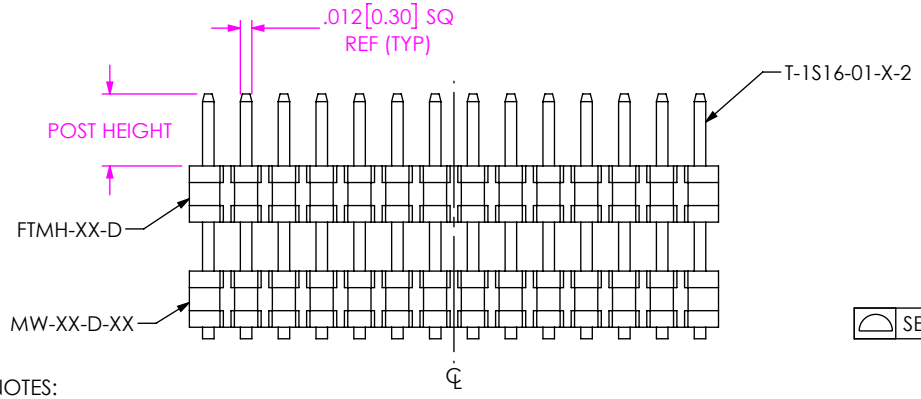
PACKAGING
BLANK: TUBES (SEE NOTE 5)
-TR: TAPE & REEL (SEE NOTES 11 & 12)
-FR: FULL REEL QTY TAPE & REEL (SEE NOTES 11 & 12)
(-XR OPTION AVAILABLE FOR MAX HEIGHT: .6875)

PICK AND PLACE OPTION
-P: PICK & PLACE PAD
(SEE SHT 2, FIG 3, USE PPP-30)
(7 POS PER ROW MIN)
(USE PPP-30-NT FOR -TR ONLY)

OPTION
-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)

POST HEIGHT
.065 [1.65] MIN
(POST + BOARD SPACE= .310 [7.87] MAX)





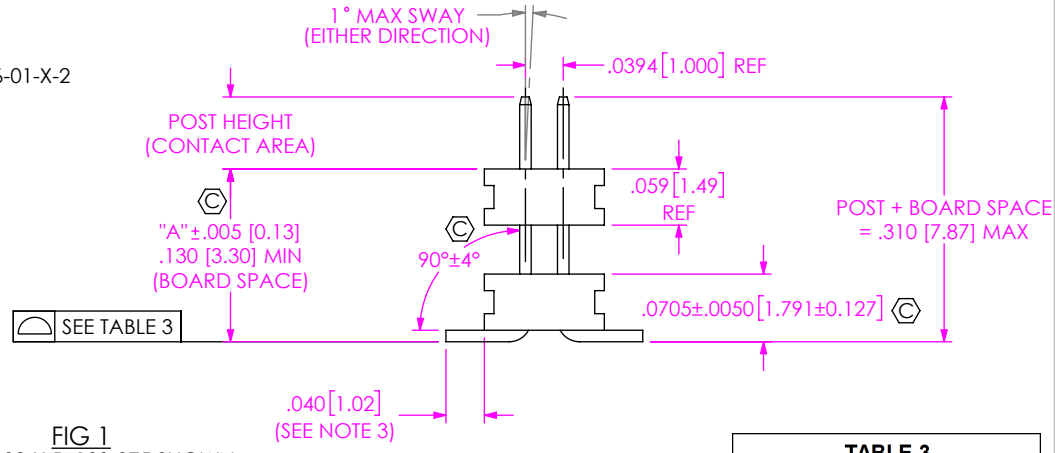


FIG 1
MW-14-03-X-D-180-075 SHOWN

NOTES:

1. Ⓒ REPRESENTS A CRITICAL DIMENSION.
2. Ⓒ PARTS MAY BE CUT TO POSITION; MAXIMUM CUT FLASH: .010[.25].
3. Ⓒ SHEAR TAILS TO DIMENSION SHOWN; BURR ALLOWANCE: .003[.038] MAX. (FOR HAND TOOLING ONLY)
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-XX-D FOR LOWER BODY.
7. FOR MACHINE FILLED, USE T-1S16-03-X-2.
8. AVAILABLE ONLY WITH BOARD SPACE .130 TO .245.
9. 75 POSITION AVAILABLE FOR SAMTEC INVENTORY ONLY.
10. 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.
11. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
12. ATTACH LABEL TO EACH REEL.

TABLE 3	
No. OF POS	"A"
02-30 POS	.004 [0.10]
31-50 POS	.006 [0.15]

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS
.XX: ±.01 [0.3]
.XXX: ±.005 [0.13]
.XXXX: ±.0020 [0.051]
ANGLES
2°

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e-Mail info@SAMTEC.com code 55322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 5:1
INSULATOR: LCP; FTM-XX-D & FTMH-XX-D COLOR: BLACK
MW-XX-D-XX COLOR: NATURAL
TERMINAL: PHOS BRONZE
MAX FLASH ALLOWED: .002[0.05]
MAX GATE VESTIGE: .002[0.05]

DESCRIPTION:
1mm x 1mm SM BOARD STACKER ASSEMBLY

DWG. NO.
MW-XX-03-X-D-XXX-XXX-XX-X-XX

BY: BRATCHER 4/3/1995 SHEET 1 OF 5

F:\DWG\MISC\MKTG\MW-XX-03-X-D-XXX-XXX-XX-X-XX-MKT.SLDDRW

REVISION AW

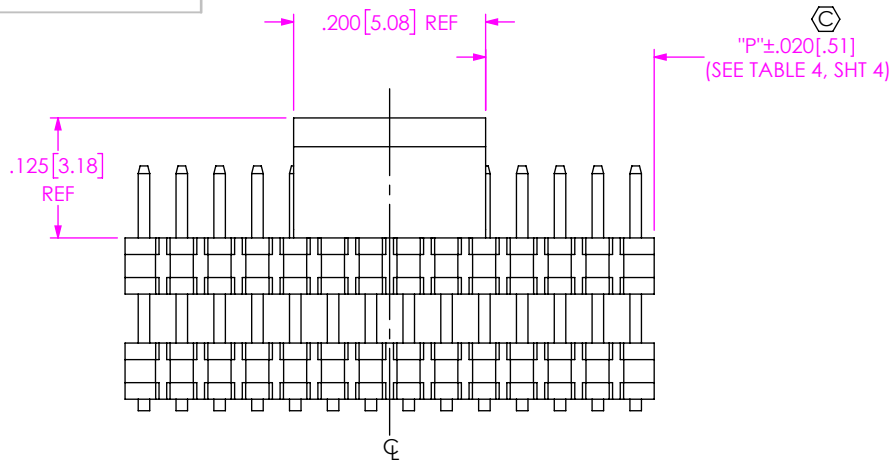


FIG 3
MW-14-03-X-D-180-075-P SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

TABLE 2	
PART NO	"B"
PPP-30	.125 [3.18]
PPP-30-NT	.190 [4.83]

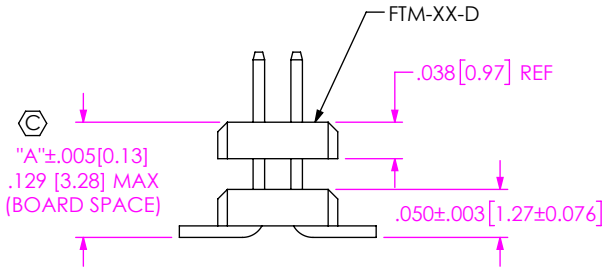


FIG 2
MW-10-03-X-D-120-073 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

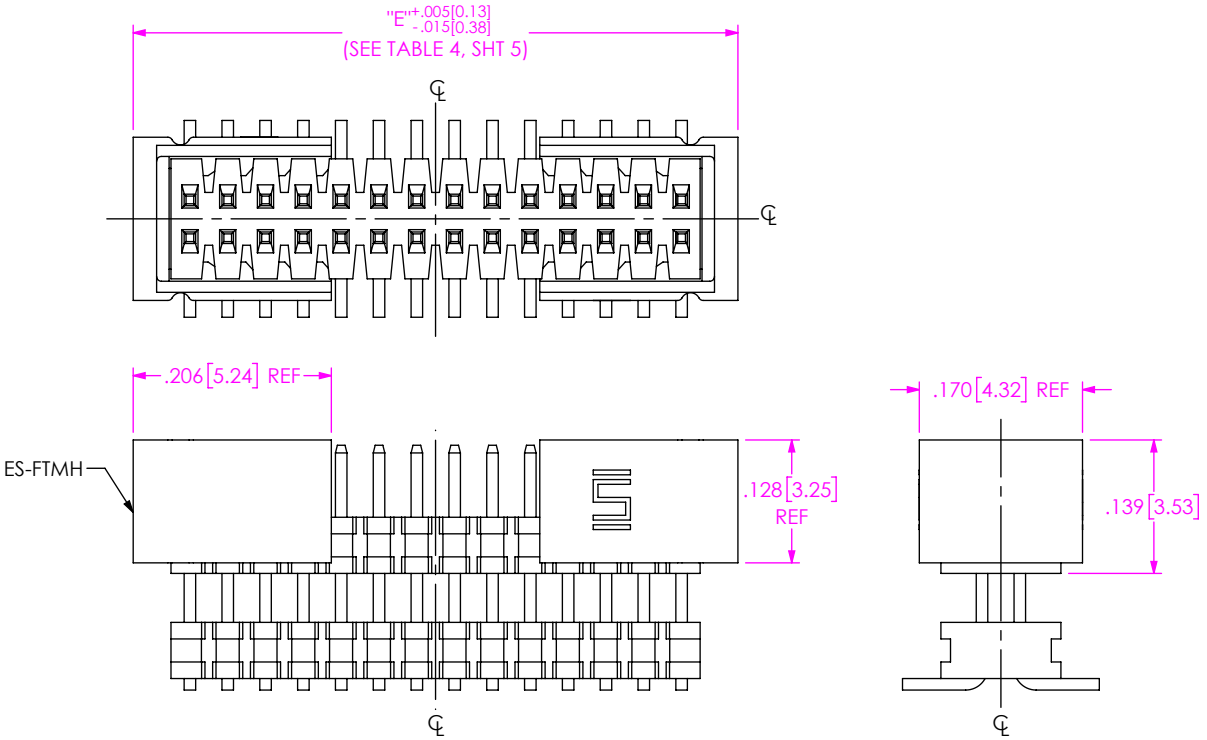


FIG 4
MW-14-03-X-D-180-075-ES SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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e-Mail info@SAMTEC.com code 55322

DESCRIPTION:
1mm x 1mm SM BOARD STACKER ASSEMBLY

DWG. NO.
MW-XX-03-X-D-XXX-XXX-XX-X-XX

BY: BRATCHER 4/3/1995 SHEET 2 OF 5

F:\DWG\MISC\MKTG\MW-XX-03-X-D-XXX-XXX-XX-X-XX-MKT.SLDDRW

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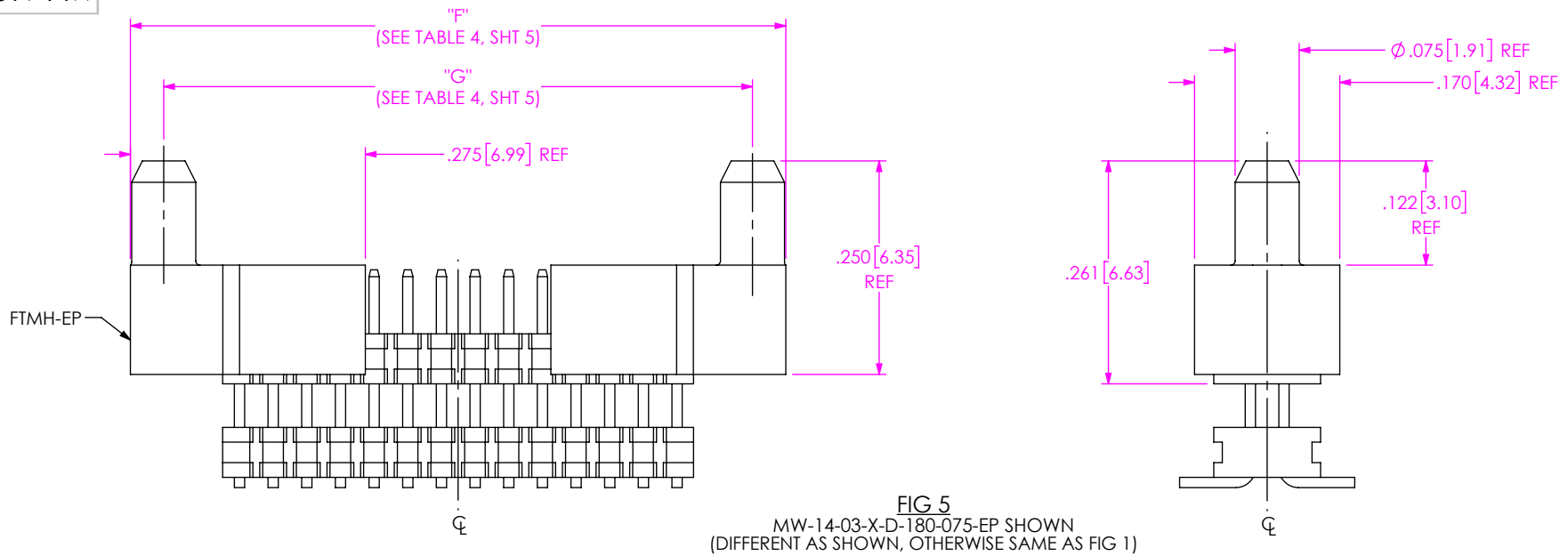


FIG 5
MW-14-03-X-D-180-075-EP SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

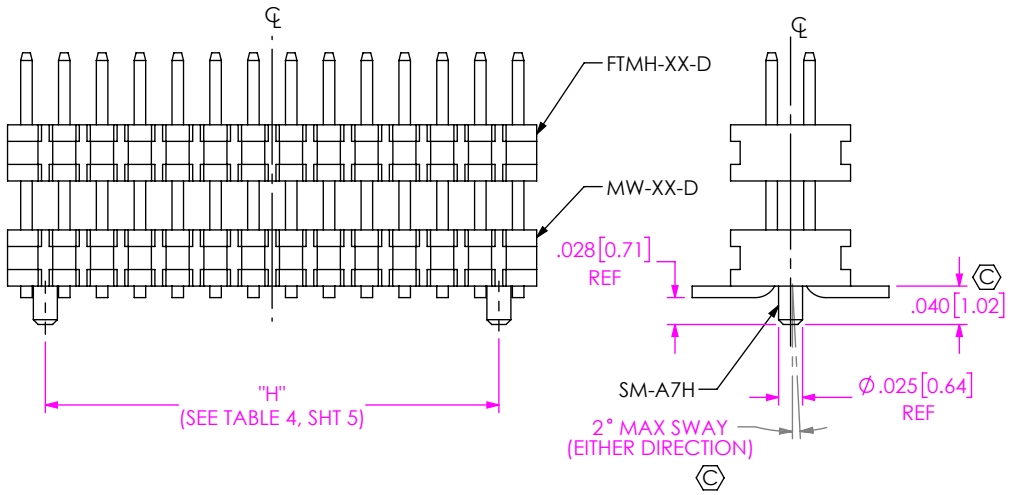


FIG 6
STAKED -A OPTION
MW-14-03-X-D-180-075-A SHOWN
(60 POSITION MAX)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

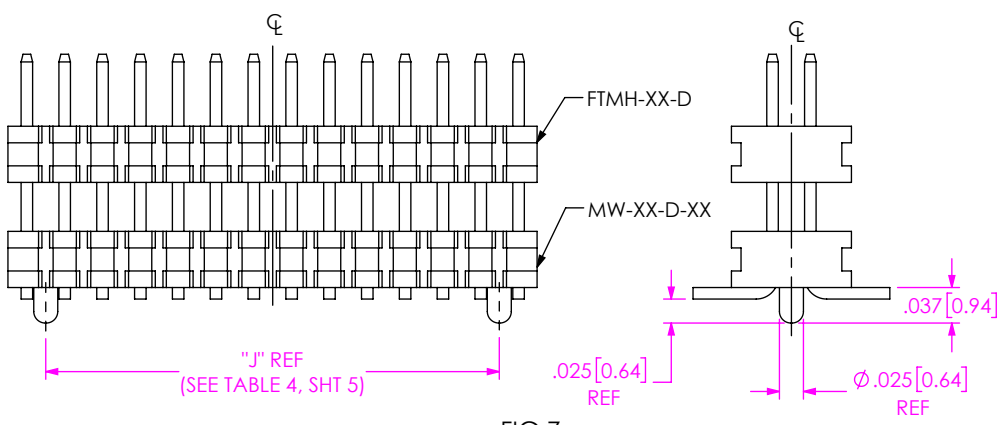


FIG 7
MOLDED -A OPTION
MW-14-03-X-D-180-075-A SHOWN
(75 POSITION MAX)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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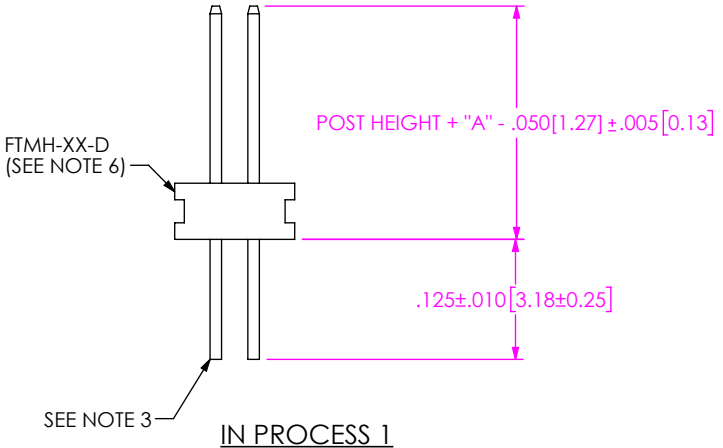
DESCRIPTION:
1mm x 1mm SM BOARD STACKER ASSEMBLY

DWG. NO.
MW-XX-03-X-D-XXX-XXX-XX-X-XX

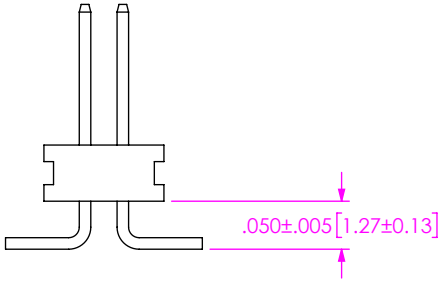
BY: BRATCHER 4/3/1995 SHEET 3 OF 5

F:\DWG\MISC\MKTG\MW-XX-03-X-D-XXX-XXX-XX-X-XX-MKT.SLDDRW

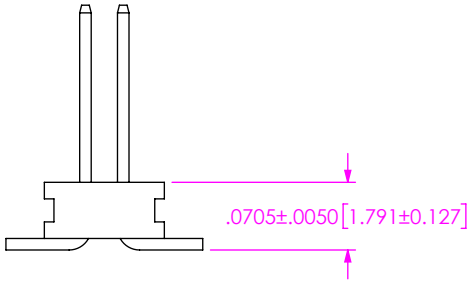
REVISION AW



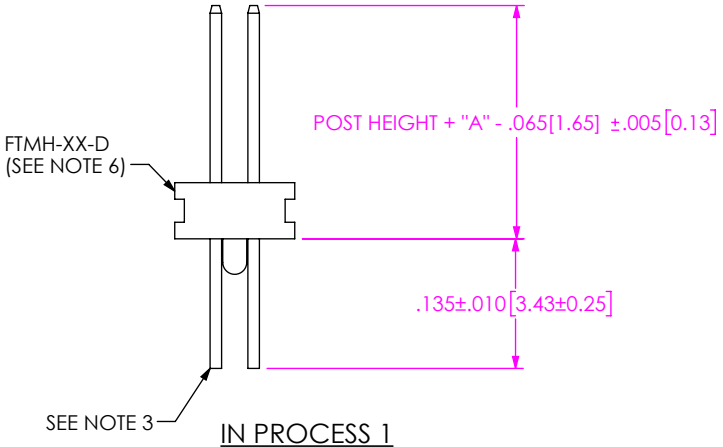
IN PROCESS 1
W/O -A PINS
(*FOR HAND TOOLING ONLY)



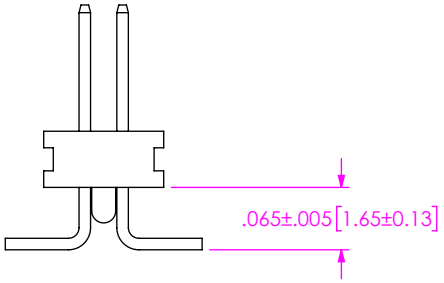
IN PROCESS 2
W/O -A PINS
(*FOR HAND TOOLING ONLY)



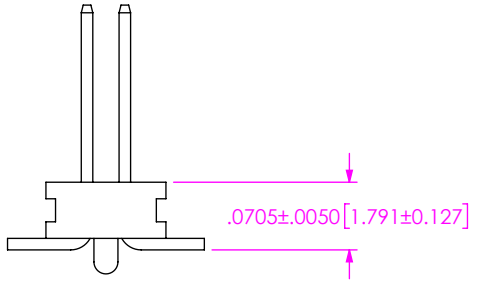
IN PROCESS 3
W/O -A PINS
(*FOR HAND TOOLING ONLY)



IN PROCESS 1
WITH MOLDED -A PINS
(*FOR HAND TOOLING ONLY)



IN PROCESS 2
WITH MOLDED -A PINS
(*FOR HAND TOOLING ONLY)



IN PROCESS 3
WITH MOLDED -A PINS
(*FOR HAND TOOLING ONLY)

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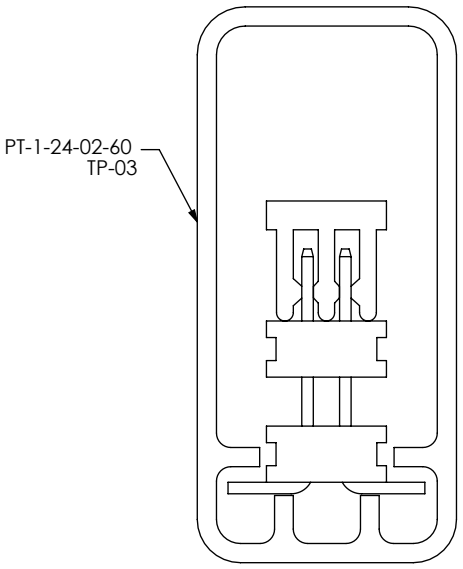
DESCRIPTION:
1mm x 1mm SM BOARD STACKER ASSEMBLY

DWG. NO.
MW-XX-03-X-D-XXX-XXX-XX-X-XX

BY: BRATCHER 4/3/1995

F:\DWG\MISC\MKTG\MW-XX-03-X-D-XXX-XXX-XX-X-XX-MKT.SLDDRW

REVISION AW



PACKAGING VIEW

TABLE 4

No. OF POS	"C"	"D"	"E"	"F"	"G"	"H"	"J"	"P"
02	.079 [2.00]	.039 [1.00]	N/A	N/A	N/A	N/A	N/A	N/A
03	.118 [3.00]	.079 [2.00]	N/A	N/A	N/A	N/A	N/A	N/A
04	.157 [4.00]	.118 [3.00]	N/A	N/A	N/A	N/A	N/A	N/A
05	.197 [5.00]	.157 [4.00]	N/A	N/A	N/A	N/A	.118 [3.00]	N/A
06	.236 [6.00]	.197 [5.00]	N/A	N/A	N/A	N/A	.157 [4.00]	N/A
07	.276 [7.00]	.236 [6.00]	N/A	N/A	N/A	.197 [5.00]	.197 [5.00]	.038 [0.96]
08	.315 [8.00]	.276 [7.00]	N/A	N/A	N/A	.236 [6.00]	.236 [6.00]	.057 [1.46]
09	.354 [9.00]	.315 [8.00]	.433 [11.00]	.570 [14.48]	.491 [12.47]	.276 [7.00]	.276 [7.00]	.077 [1.96]
10	.394 [10.00]	.354 [9.00]	.472 [12.00]	.609 [15.48]	.530 [13.47]	.315 [8.00]	.315 [8.00]	.097 [2.46]
11	.433 [11.00]	.394 [10.00]	.512 [13.00]	.649 [16.48]	.570 [14.47]	.354 [9.00]	.354 [9.00]	.117 [2.96]
12	.472 [12.00]	.433 [11.00]	.551 [14.00]	.688 [17.48]	.609 [15.47]	.394 [10.00]	.394 [10.00]	.136 [3.46]
13	.512 [13.00]	.472 [12.00]	.591 [15.00]	.728 [18.48]	.648 [16.47]	.433 [11.00]	.433 [11.00]	.156 [3.96]
14	.551 [14.00]	.512 [13.00]	.630 [16.00]	.767 [19.48]	.688 [17.47]	.472 [12.00]	.472 [12.00]	.176 [4.46]
15	.591 [15.00]	.551 [14.00]	.669 [17.00]	.806 [20.48]	.727 [18.47]	.512 [13.00]	.512 [13.00]	.195 [4.96]
16	.630 [16.00]	.591 [15.00]	.709 [18.00]	.846 [21.48]	.767 [19.47]	.551 [14.00]	.551 [14.00]	.215 [5.46]
17	.669 [17.00]	.630 [16.00]	.748 [19.00]	.885 [22.48]	.806 [20.47]	.591 [15.00]	.591 [15.00]	.235 [5.96]
18	.709 [18.00]	.669 [17.00]	.787 [20.00]	.924 [23.48]	.845 [21.47]	.630 [16.00]	.630 [16.00]	.254 [6.46]
19	.748 [19.00]	.709 [18.00]	.827 [21.00]	.964 [24.48]	.885 [22.47]	.669 [17.00]	.669 [17.00]	.274 [6.96]
20	.787 [20.00]	.748 [19.00]	.866 [22.00]	1.003 [25.48]	.924 [23.47]	.709 [18.00]	.709 [18.00]	.294 [7.46]
21	.827 [21.00]	.787 [20.00]	.906 [23.00]	1.043 [26.48]	.963 [24.47]	.748 [19.00]	.748 [19.00]	.313 [7.96]
22	.866 [22.00]	.827 [21.00]	.945 [24.00]	1.082 [27.48]	1.003 [25.47]	.787 [20.00]	.787 [20.00]	.333 [8.46]
23	.906 [23.00]	.866 [22.00]	.984 [25.00]	1.121 [28.48]	1.042 [26.47]	.827 [21.00]	.827 [21.00]	.353 [8.96]
24	.945 [24.00]	.906 [23.00]	1.024 [26.00]	1.161 [29.48]	1.081 [27.47]	.866 [22.00]	.866 [22.00]	.372 [9.46]
25	.984 [25.00]	.945 [24.00]	1.063 [27.00]	1.200 [30.48]	1.121 [28.47]	.906 [23.00]	.906 [23.00]	.392 [9.96]
26	1.024 [26.00]	.984 [25.00]	1.102 [28.00]	1.239 [31.48]	1.160 [29.47]	.945 [24.00]	.945 [24.00]	.412 [10.46]
27	1.063 [27.00]	1.024 [26.00]	1.142 [29.00]	1.279 [32.48]	1.200 [30.47]	.984 [25.00]	.984 [25.00]	.431 [10.96]
28	1.102 [28.00]	1.063 [27.00]	1.181 [30.00]	1.318 [33.48]	1.239 [31.47]	1.024 [26.00]	1.024 [26.00]	.451 [11.46]
29	1.142 [29.00]	1.102 [28.00]	1.220 [31.00]	1.357 [34.48]	1.278 [32.47]	1.063 [27.00]	1.063 [27.00]	.471 [11.96]
30	1.181 [30.00]	1.142 [29.00]	1.260 [32.00]	1.397 [35.48]	1.318 [33.47]	1.102 [28.00]	1.102 [28.00]	.491 [12.46]
31	1.220 [31.00]	1.181 [30.00]	1.299 [33.00]	1.436 [36.48]	1.357 [34.47]	1.142 [29.00]	1.142 [29.00]	.510 [12.96]
32	1.260 [32.00]	1.220 [31.00]	1.339 [34.00]	1.476 [37.48]	1.396 [35.47]	1.181 [30.00]	1.181 [30.00]	.530 [13.46]
33	1.299 [33.00]	1.260 [32.00]	1.378 [35.00]	1.515 [38.48]	1.436 [36.47]	1.220 [31.00]	1.220 [31.00]	.550 [13.96]
34	1.339 [34.00]	1.299 [33.00]	1.417 [36.00]	1.554 [39.48]	1.475 [37.47]	1.260 [32.00]	1.260 [32.00]	.569 [14.46]
35	1.378 [35.00]	1.339 [34.00]	1.457 [37.00]	1.594 [40.48]	1.515 [38.47]	1.299 [33.00]	1.299 [33.00]	.589 [14.96]
36	1.417 [36.00]	1.378 [35.00]	1.496 [38.00]	1.633 [41.48]	1.554 [39.47]	1.339 [34.00]	1.339 [34.00]	.609 [15.46]
37	1.457 [37.00]	1.417 [36.00]	1.535 [39.00]	1.672 [42.48]	1.593 [40.47]	1.378 [35.00]	1.378 [35.00]	.628 [15.96]
38	1.496 [38.00]	1.457 [37.00]	1.575 [40.00]	1.712 [43.48]	1.633 [41.47]	1.417 [36.00]	1.417 [36.00]	.648 [16.46]
39	1.535 [39.00]	1.496 [38.00]	1.614 [41.00]	1.751 [44.48]	1.672 [42.47]	1.457 [37.00]	1.457 [37.00]	.668 [16.96]
40	1.575 [40.00]	1.535 [39.00]	1.654 [42.00]	1.791 [45.48]	1.711 [43.47]	1.496 [38.00]	1.496 [38.00]	.687 [17.46]
41	1.614 [41.00]	1.575 [40.00]	1.693 [43.00]	1.830 [46.48]	1.751 [44.47]	1.535 [39.00]	1.535 [39.00]	.707 [17.96]
42	1.654 [42.00]	1.614 [41.00]	1.732 [44.00]	1.869 [47.48]	1.790 [45.47]	1.575 [40.00]	1.575 [40.00]	.727 [18.46]
43	1.693 [43.00]	1.654 [42.00]	1.772 [45.00]	1.909 [48.48]	1.830 [46.47]	1.614 [41.00]	1.614 [41.00]	.746 [18.96]
44	1.732 [44.00]	1.693 [43.00]	1.811 [46.00]	1.948 [49.48]	1.869 [47.47]	1.654 [42.00]	1.654 [42.00]	.766 [19.46]
45	1.772 [45.00]	1.732 [44.00]	1.850 [47.00]	1.987 [50.48]	1.908 [48.47]	1.693 [43.00]	1.693 [43.00]	.786 [19.96]
46	1.811 [46.00]	1.772 [45.00]	1.890 [48.00]	2.027 [51.48]	1.948 [49.47]	1.732 [44.00]	1.732 [44.00]	.806 [20.46]
47	1.850 [47.00]	1.811 [46.00]	1.929 [49.00]	2.066 [52.48]	1.987 [50.47]	1.772 [45.00]	1.772 [45.00]	.825 [20.96]
48	1.890 [48.00]	1.850 [47.00]	1.969 [50.00]	2.106 [53.48]	2.026 [51.47]	1.811 [46.00]	1.811 [46.00]	.845 [21.46]
49	1.929 [49.00]	1.890 [48.00]	2.008 [51.00]	2.145 [54.48]	2.066 [52.47]	1.850 [47.00]	1.850 [47.00]	.865 [21.96]
50	1.969 [50.00]	1.929 [49.00]	2.047 [52.00]	2.184 [55.48]	2.105 [53.47]	1.890 [48.00]	1.890 [48.00]	.884 [22.46]

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e-Mail info@SAMTEC.com code 55322

DESCRIPTION:
1mm x 1mm SM BOARD STACKER ASSEMBLY

DWG. NO.
MW-XX-03-X-D-XXX-XXX-XX-X-XX

BY: BRATCHER 4/3/1995 SHEET 5 OF 5

F:\DWG\MISC\MKTG\MW-XX-03-X-D-XXX-XXX-XX-X-XX-MKT.SLDDRW