


REVISION CG

NOTES:

1.  REPRESENTS A CRITICAL DIMENSION.
2. MEASURED AT BEND RADIUS, NOT AT END OF PIN.
3. TUBE ONLY -05 THROUGH -50 POSITIONS.
4. GOLD PLATING TO BE ON POST, TIN PLATING ON TAIL.
5. PARTS MAY BE CUT TO POSITION.
6. MINIMUM PUSHOUT FORCE: 1.0 LB.
7. SURFACE MOUNT TAILS TO BE SHEARED TO DIMENSION ON STYLE -05 ONLY.
8. DUE TO THE HIGH AMOUNT OF INSERTION FORCE NEEDED, THE -LC OPTION IS NOT COMPATIBLE WITH AUTO PLACEMENT. SAMTEC RECOMMENDS MANUAL PLACEMENT FOR ALL ASSEMBLIES WITH THE -LC, -EC, -EBC AND -EPC OPTIONS.

DO NOT
SCALE FROM
THIS PRINT

TMMH-1XX-XX-XX-DV-XXX-XX

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

LEAD STYLE

-01: .126 [3.20]
(USE T-1S13-07-XX-2)
-04: .075 [1.91]
(USE T-1S13-04-XX-2)
-05: .065 [1.65] MIN
(USE T-1S13-20-XX-2)

PLATING

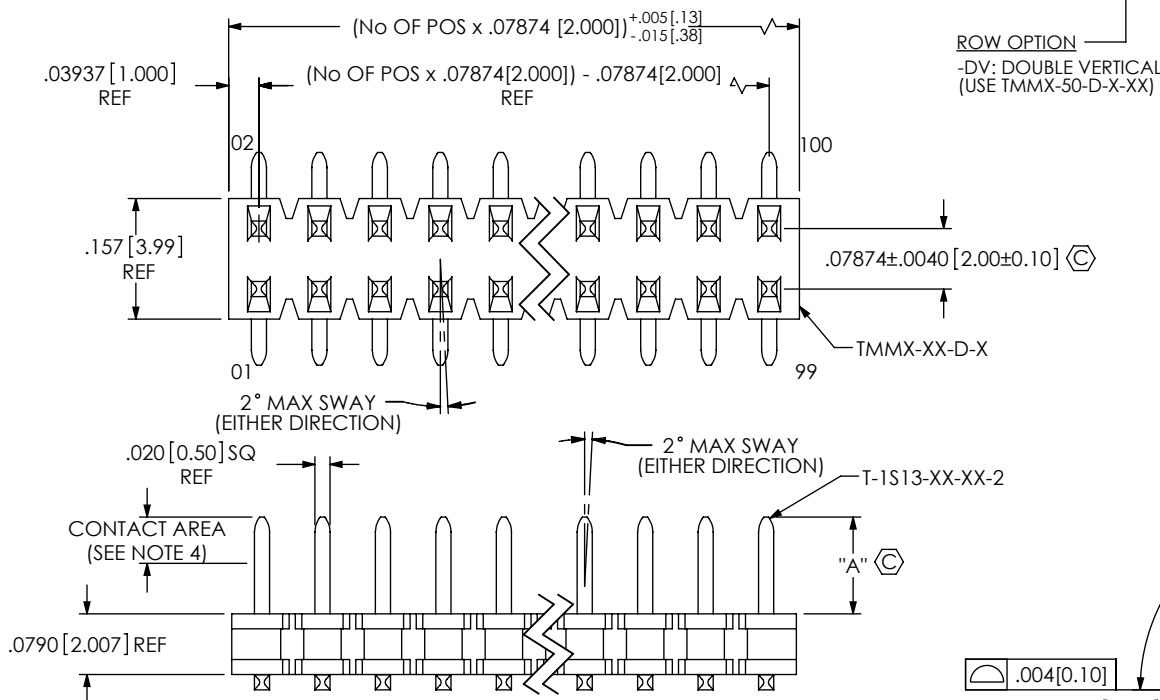
-L: 15μ" LIGHT SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-F: 3μ" FLASH GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-S: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-G: 20μ" GOLD IN CONTACT AREA, 3μ" MIN GOLD ON TAIL
-T: MATTE TIN ON CONTACT AND TAIL
-H: 30μ" HEAVY GOLD IN CONTACT AREA, 3μ" MIN GOLD ON TAIL
-TM: MATTE TIN CONTACT AND TAIL
-LM: 15μ" LIGHT SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-SM: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-FM: 3μ" FLASH SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

OPTION

-TR: TAPE & REEL PACKAGING
(36 POS MAX CONTACT SAMTEC FOR LARGER POSITIONS)

OPTIONS **

-M: PICK & PLACE PAD (USE PPP-10)
(SEE FIG 3; 5 POS MIN)
-ES: END SHROUDS (SEE FIG 4, SHT 2, 9 POS MIN)
-EC: LOCKING CLIP (SEE FIG 6, SHT 3, 9 POS MIN, DO NOT USE WITH
-A OR -LC, SEE NOTE 8)
-EP: GUIDE POST (SEE FIG 9, SHT 4, 9 POS MIN)
-EL: BOARD LOCK (SEE FIG 5, SHT 3, 9 POS MIN)
-LC: FLEX MOLD LOCKING CLIP (USE LC-09-TM, SEE FIG 2, SHEET 2,
5 POS MIN, SEE NOTE 8)
-A: ALIGNMENT PIN (USE TMMH-50-D-A-XX, SEE FIG 2, SHEET 2
3 POS MIN)
-EBC: BOARD LOCK WITH LOCKING CLIP (SEE FIG 8 SHT 4, 9 POS MIN
NOT AVAILABLE WITH -A OR -LC, SEE NOTE 8)
-EPC: GUIDE POST WITH LOCKING CLIP (SEE FIG 7, SHT 3, 9 POS MIN
NOT AVAILABLE WITH -A OR -LC, SEE NOTE 8)
-XXX: POLARIZATION (SPECIFY POS -XXX TO BE OMITTED)



ROW OPTION

-DV: DOUBLE VERTICAL
(USE TMMX-50-D-X-XX)

** ALL OPTIONS EXCEPT THE -EX / -A / -LC OPTIONS
USE THE TMMC-50-D-X-XX
-EX / -A / -LC OPTIONS USE THE TMMH-50-D-XX-XX

TABLE 1

| STYLE | "A" | "B" | TERMINAL | "L" |
|-------|------------|------------|----------------|------------|
| -01 | .126[3.20] | .101[2.57] | T-1S13-07-XX-2 | .302[7.67] |
| -04 | .075[1.91] | .050[1.27] | T-1S13-04-XX-2 | .255[6.48] |
| -05 | .065[1.65] | .040[1.02] | T-1S13-20-XX-2 | .323[8.20] |

FIG 1
(TMMH-150-XX-XX-DV SHOWN)

CRITICAL DIMENSION INSPECTION INSTRUCTION TABLE

| ASSEMBLY OPERATION | IN-PROCESS INSPECTION |
|--------------------|-----------------------|
| FILL | C1 |
| REPRESS | C2 |

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES
.XX: ±.01[0.3]
.XXX: ±.005[0.13]
.XXXX: ±.0020[0.051]

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WRITTEN CONSENT OF SAMTEC, INC.

MATERIAL:
BODIES:
LCP, UL 94 VO
COLOR: BLACK
TERMINAL:
PHOSPHOR BRONZE, ALLOY

MAX. CUT FLASH: .020 [.51]

DO NOT SCALE DRAWING

SHEET SCALE: 1:1

C:\EnterpriseVault\DWG\MISC\MKTG\TMMH-1XX-XX-XX-DV-XXX-XX-MKT.SLDDRW

samtec

520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 53322

DESCRIPTION:

2MM X 2MM TERMINAL STRIP ASSEMBLY

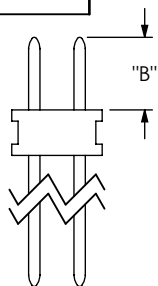
DWG. NO.

TMMH-1XX-XX-XX-DV-XXX-XX-ASM

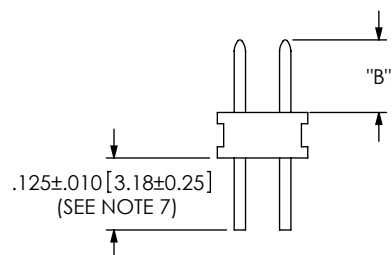
BY: PURVIS

10/08/1996

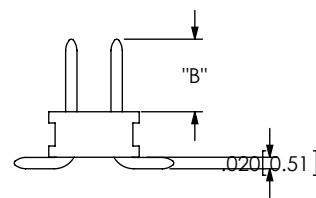
SHEET 1 OF 5



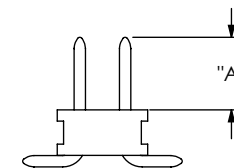
IN-PROCESS 1



IN-PROCESS
FOR STYLE -05



IN-PROCESS 3



IN-PROCESS 4

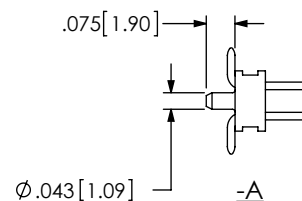
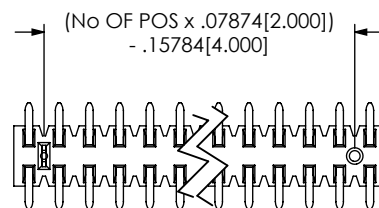
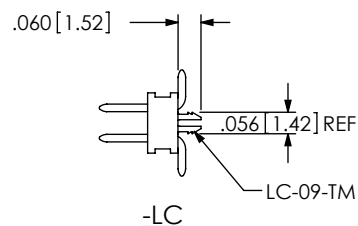


FIG 2
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1)

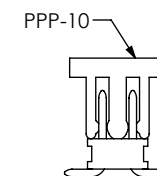
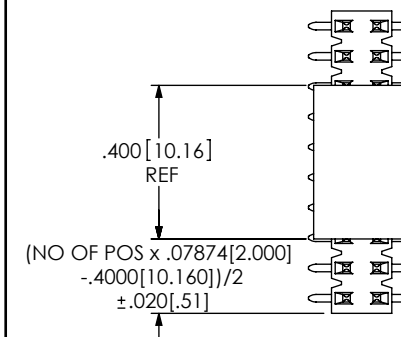
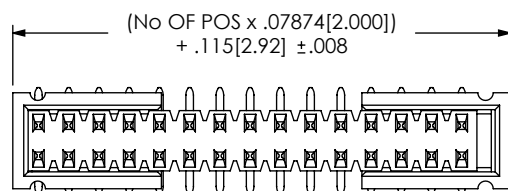


FIG 3
-M
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1)



| STYLE | "C" | "D" | SHROUD |
|-------|------------|------------|------------|
| -01 | .202[5.13] | .230[5.84] | TMMH-ES-01 |
| -04 | .149[3.78] | .177[4.50] | TMMH-ES-04 |
| -05 | .149[3.78] | .177[4.50] | TMMH-ES-04 |

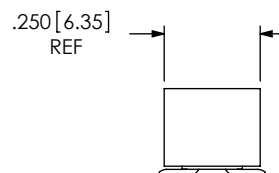
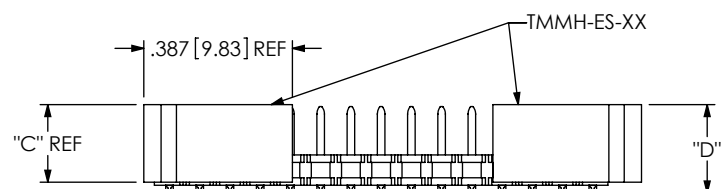


FIG 4
-ES
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1)

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samtec

520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:
2MM X 2MM TERMINAL STRIP ASSEMBLY

DWG. NO.
TMMH-1XX-XX-XX-DV-XXX-XX-ASM

BY: PURVIS 10/08/1996 SHEET 2 OF 5

| STYLE | "E" | "F" | SHROUD |
|-------|------------|------------|------------|
| -01 | .202[5.13] | .230[5.84] | TMMH-EL-01 |
| -04 | .149[3.78] | .177[4.50] | TMMH-EL-04 |
| -05 | .149[3.78] | .177[4.50] | TMMH-EL-04 |

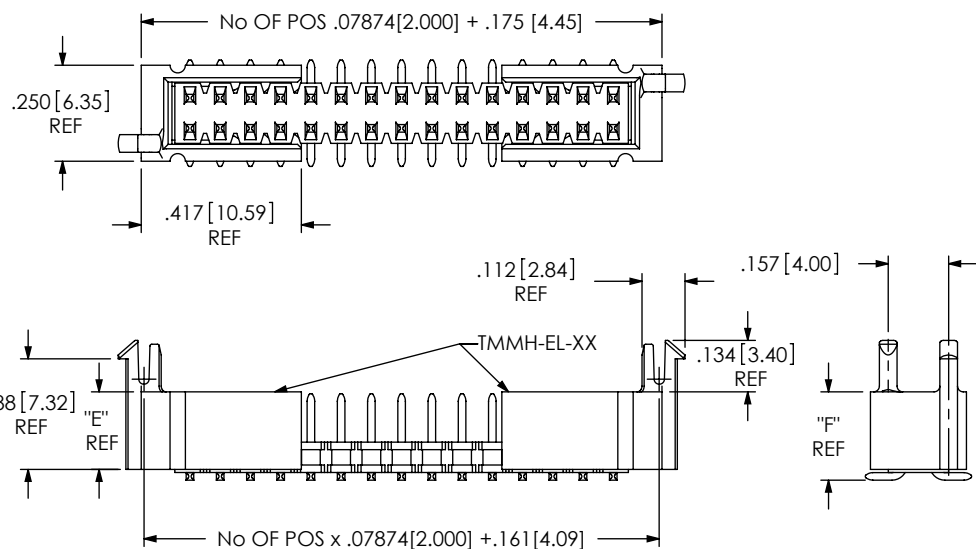


FIG 5
-EL

(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1)

| STYLE | "J" | "K" | SHROUD |
|-------|------------|------------|------------|
| -01 | .202[5.13] | .230[5.84] | TMMH-EC-01 |
| -04 | .149[3.78] | .177[4.50] | TMMH-EC-04 |
| -05 | .149[3.78] | .177[4.50] | TMMH-EC-04 |

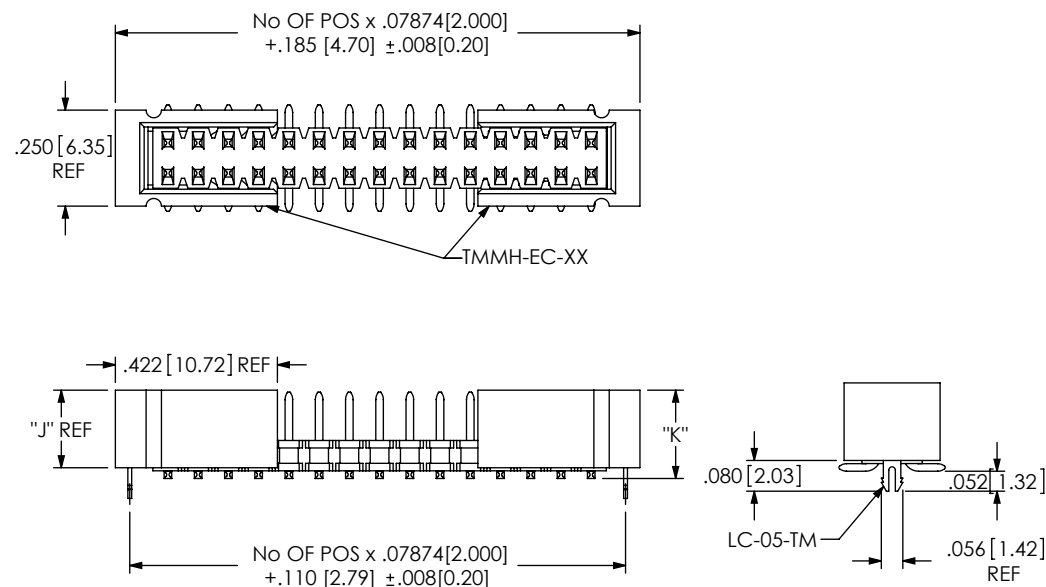


FIG 6
-EC

(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1)

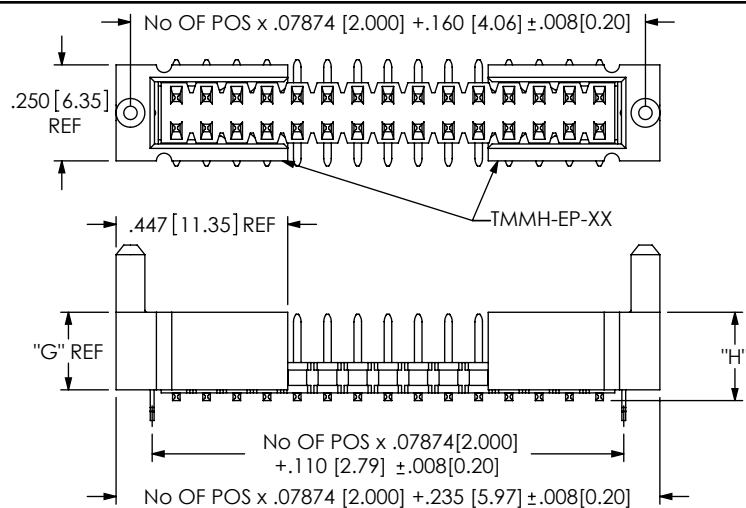
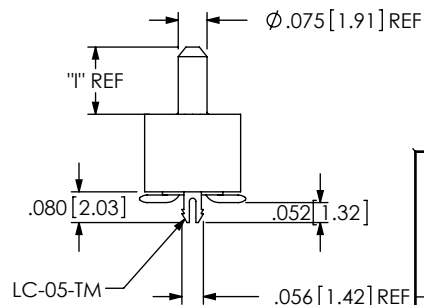


FIG 7
-EPC

(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1)

| STYLE | "G" | "H" | "I" | SHROUD |
|-------|------------|------------|------------|------------|
| -01 | .202[5.13] | .230[5.84] | .175[4.45] | TMMH-EP-01 |
| -04 | .149[3.78] | .177[4.50] | .119[3.02] | TMMH-EP-04 |
| -05 | .149[3.78] | .177[4.50] | .119[3.02] | TMMH-EP-04 |



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SHEET SCALE: 2:1

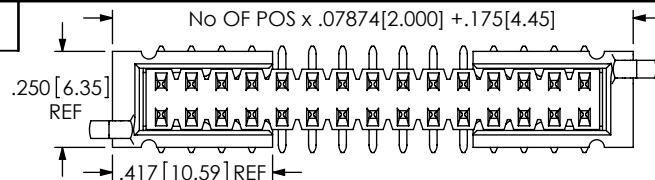
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e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:
2MM X 2MM TERMINAL STRIP ASSEMBLY

DWG. NO.
TMMH-1XX-XX-XX-DV-XXX-XX-ASM

BY: PURVIS 10/08/1996 SHEET 3 OF 5



| STYLE | "E" | "F" | SHROUD |
|-------|------------|------------|------------|
| -01 | .202[5.13] | .230[5.84] | TMMH-EL-01 |
| -04 | .149[3.78] | .177[4.50] | TMMH-EL-04 |
| -05 | .149[3.78] | .177[4.50] | TMMH-EL-04 |

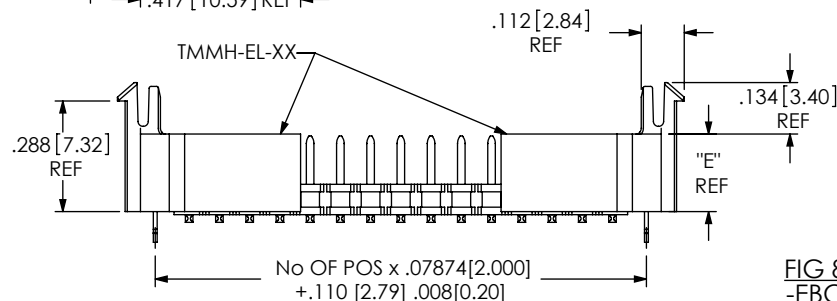
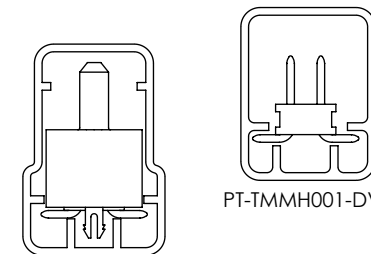
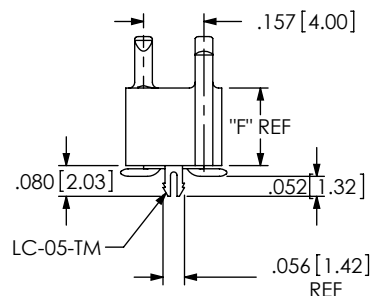
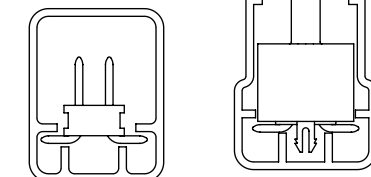


FIG 8
-EBC
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1)

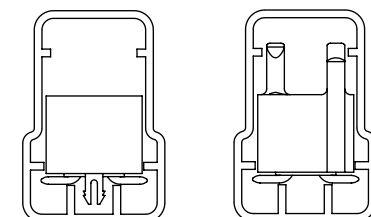


PT-TMMH001-DV-P

PT-TMMH002-DV-EX-P



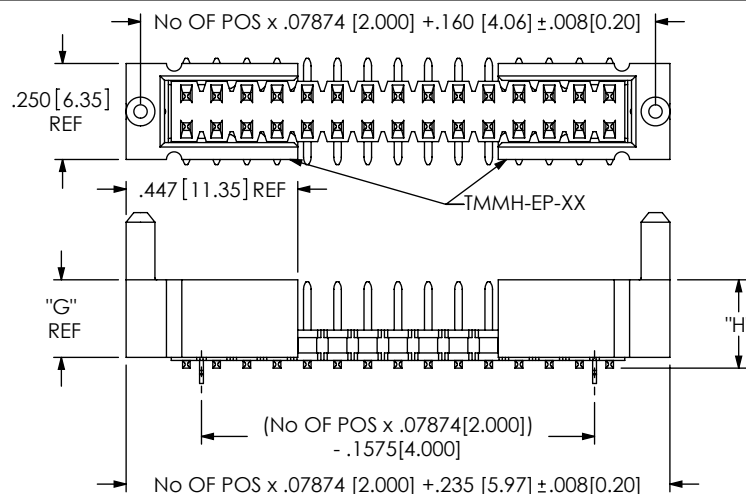
PT-TMMH001-DV-P PT-TMMH002-DV-EX-P



PT-TMMH002-DV-EX-P PT-TMMH002-DV-EX-P

PACKAGING VIEW

| | | |
|---|--------------------|-------|
| NONE, -A, -LC -M, -A-M -LC-M | PT-TMMH001-DV-P | TP-09 |
| -EL-LC -EPC-M -EP-LC -ES, -EC -ES-A, -ES-LC -EL, -EL-M, -EL-A -EP, -EPC, -EBC, -EP-A-M -EP-A, -EC-M -ES-M, -ES-A-M -ES-LC-M | PT-TMMH002-DV-EX-P | TP-03 |



| STYLE | "G" | "H" | "I" | SHROUD |
|-------|------------|------------|------------|------------|
| -01 | .202[5.13] | .230[5.84] | .175[4.45] | TMMH-EP-01 |
| -04 | .149[3.78] | .177[4.50] | .119[3.02] | TMMH-EP-04 |
| -05 | .149[3.78] | .177[4.50] | .119[3.02] | TMMH-EP-04 |

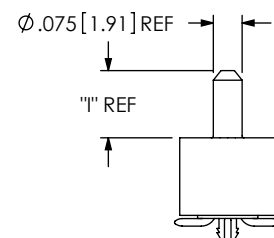


FIG 9
-EP-LC
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 2)

| STYLE | "G" | "H" | "I" | SHROUD |
|-------|------------|------------|------------|------------|
| -01 | .202[5.13] | .230[5.84] | .175[4.45] | TMMH-EP-01 |
| -04 | .149[3.78] | .177[4.50] | .119[3.02] | TMMH-EP-04 |
| -05 | .149[3.78] | .177[4.50] | .119[3.02] | TMMH-EP-04 |

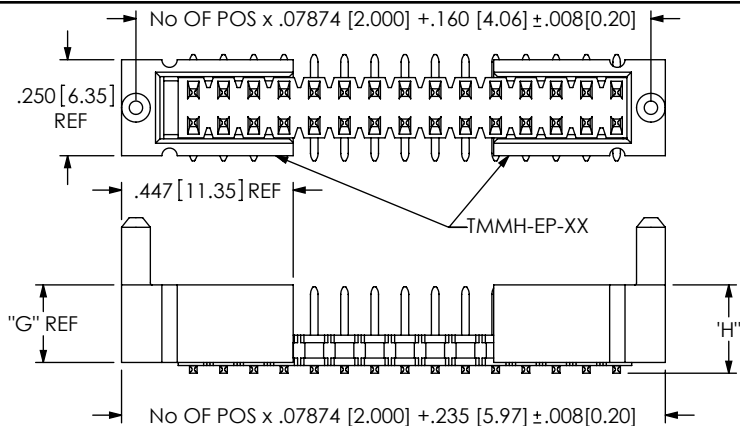
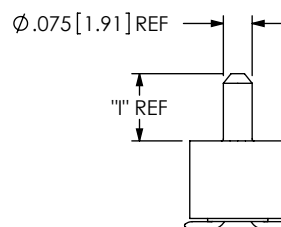


FIG 10
-EP
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1)

C:\EnterpriseVault\DWG\MISC\MKTG\TMMH-1XX-XX-XX-DV-XXX-XX-MKT.SLDDRW

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PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:
2MM X 2MM TERMINAL STRIP ASSEMBLY

DWG. NO.
TMMH-1XX-XX-XX-DV-XXX-XX-ASM

BY: PURVIS 10/08/1996 SHEET 4 OF 5

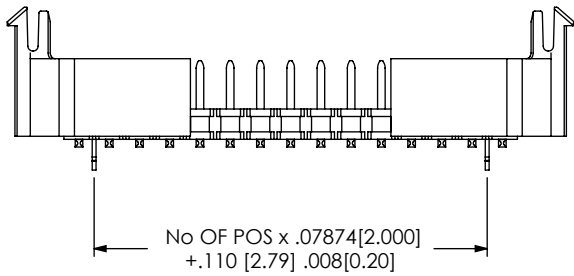


FIG 11
-EL-LC
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 8)

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PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 55322

SHEET SCALE: 2:1

DESCRIPTION:
2MM X 2MM TERMINAL STRIP ASSEMBLY

DWG. NO.
TMMH-1XX-XX-XX-DV-XXX-XX-ASM

BY: PURVIS 10/08/1996 SHEET 5 OF 5