

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.

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

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

DO NOT
SCALE FROM
THIS PRINT

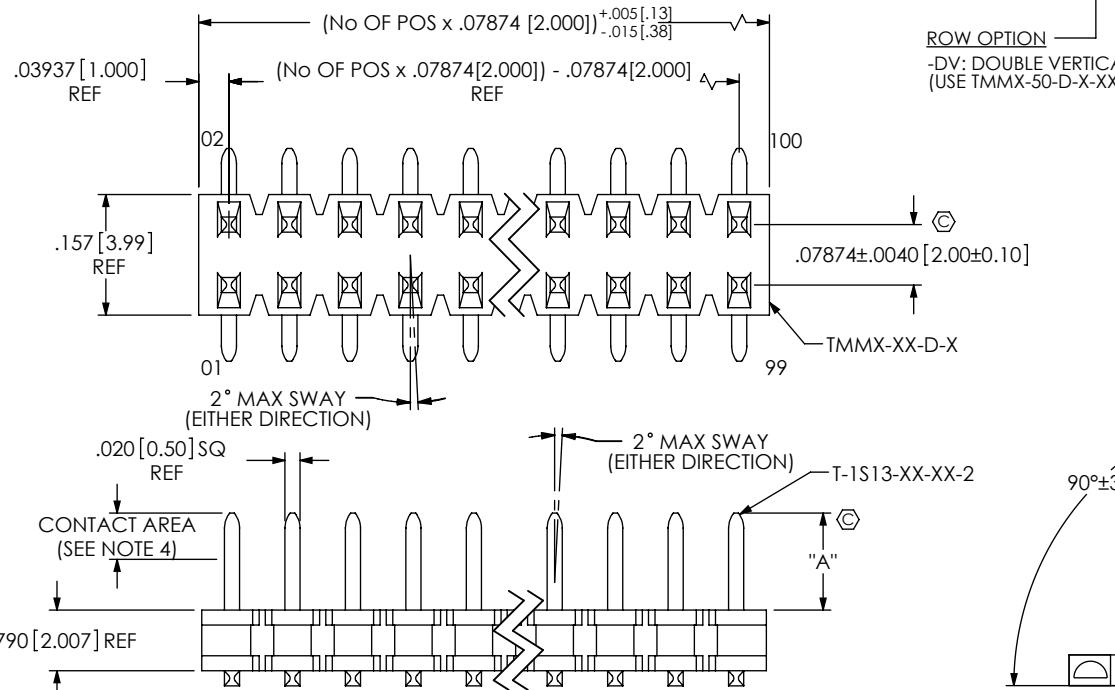


FIG 1
(TMMH-150-XX-XX-DV SHOWN)

CRITICAL DIMENSION INSPECTION INSTRUCTION TABLE	
ASSEMBLY OPERATION	IN-PROCESS INSPECTION
FILL	C1
REPRESS	C2

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS .XX: ±.01 [.]3
.XXX: ±.005 [.]13
.XXXX: ±.0020 [.]051

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1:1
BODIES: LCP, UL 94 VO
COLOR: BLACK
TERMINAL: PHOSPHOR BRONZE, ALLOY
MAX. CUT FLASH: .020 [.51]
F:\DWG\MISC\MKTG\TMMH-1XX-XX-DV-XXX-TR-ASM-MKT.SLDRW

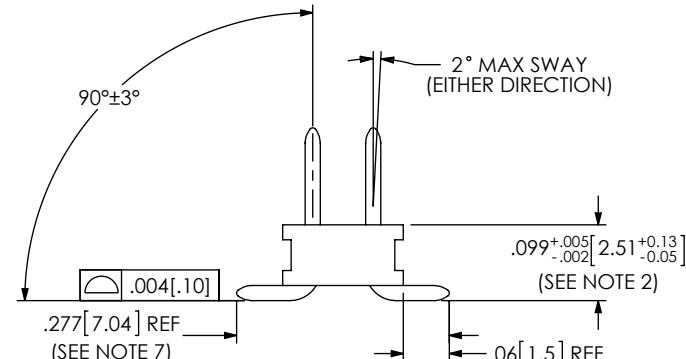
OPTION
-TR: TAPE & REEL PACKAGING
(36 POS MAX CONTACT SAMTEC FOR LARGER POSITIONS)

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 2, 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)

** 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
-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]

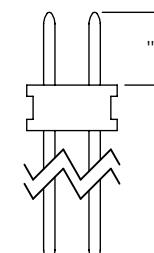


Samtec

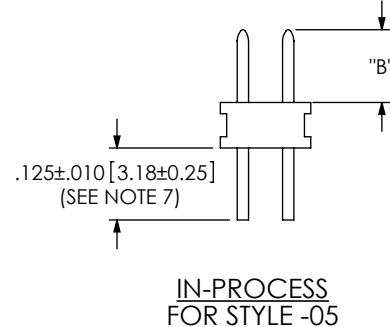
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION: 2MM X 2MM TERMINAL STRIP ASSEMBLY
DWG. NO. TMMH-1XX-XX-XX-DV-XXX-TR-ASM
BY: PURVIS 10/08/1996 SHEET 1 OF 5

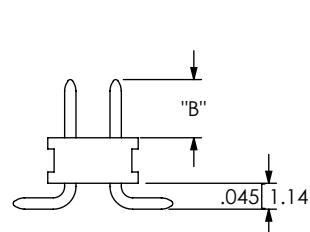
REVISION CE



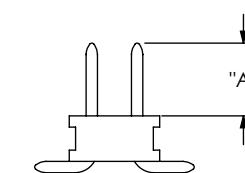
IN-PROCESS 1



IN-PROCESS FOR STYLE -05



IN-PROCESS 3



IN-PROCESS 4

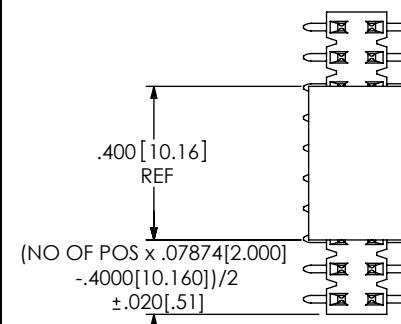
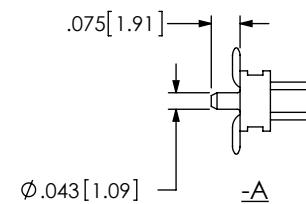
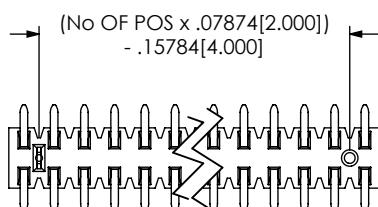
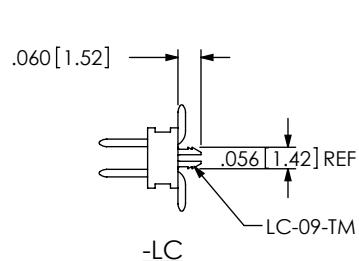
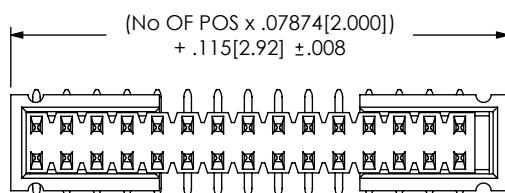


FIG 2
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1)



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

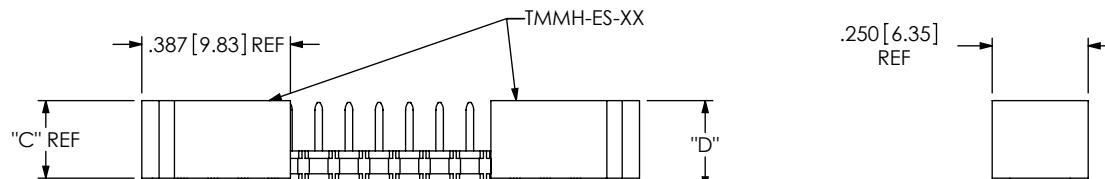


FIG 4
-ES
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1)

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC, INC. AND SHALL NOT BE REPRODUCED
OR TRANSFERRED TO OTHER DOCUMENTS OR
DISCLOSED TO OTHERS OR USED FOR ANY
PURPOSE OTHER THAN THAT WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED WRITTEN
CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING

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-TR-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

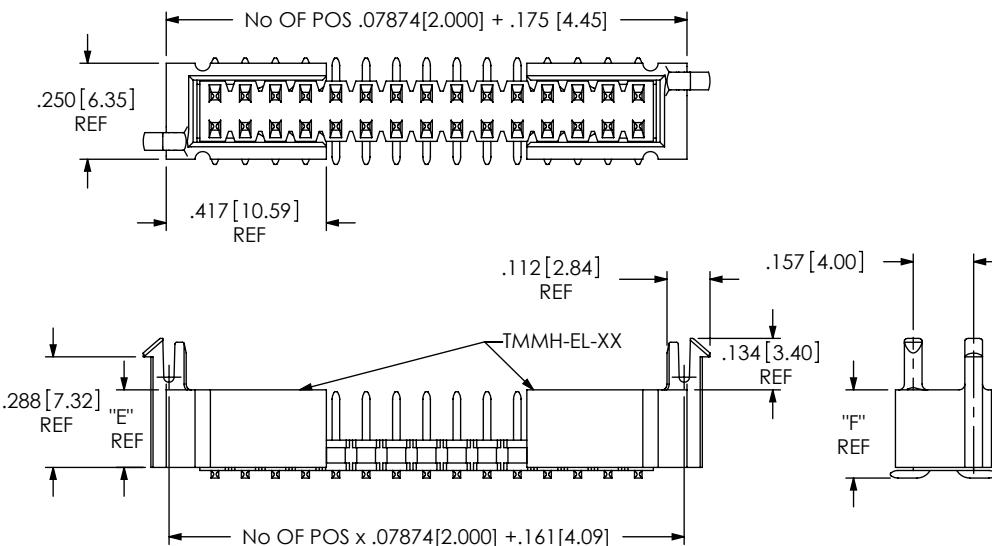


FIG 5
-EL
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1)

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

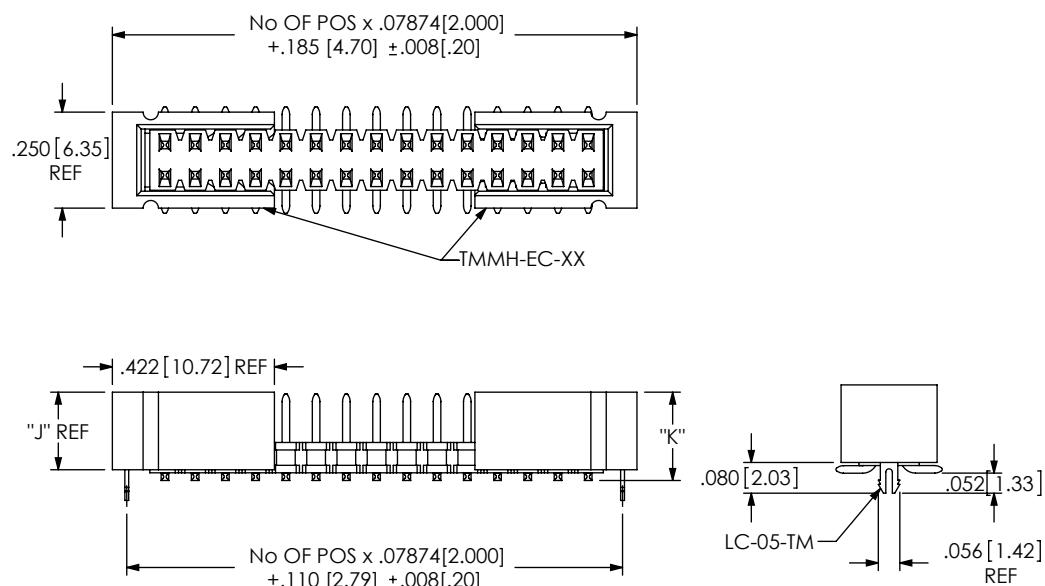


FIG 6
-EC
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1)

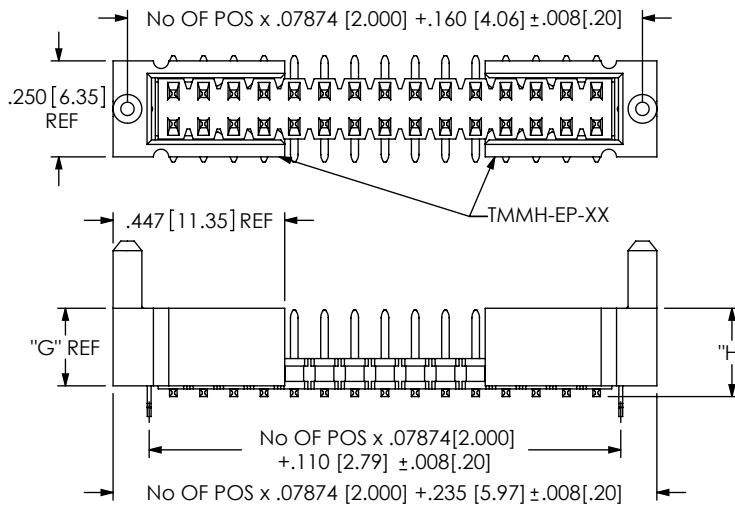
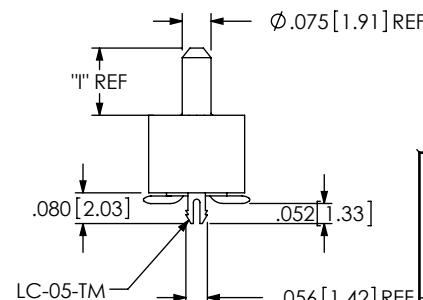


FIG 7
-EPC
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1)

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



PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC, INC. AND SHALL NOT BE REPRODUCED
OR TRANSFERRED TO OTHER DOCUMENTS OR
DISCLOSED TO OTHERS OR USED FOR ANY
PURPOSE OTHER THAN THAT WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED WRITTEN
CONSENT OF SAMTEC, INC.

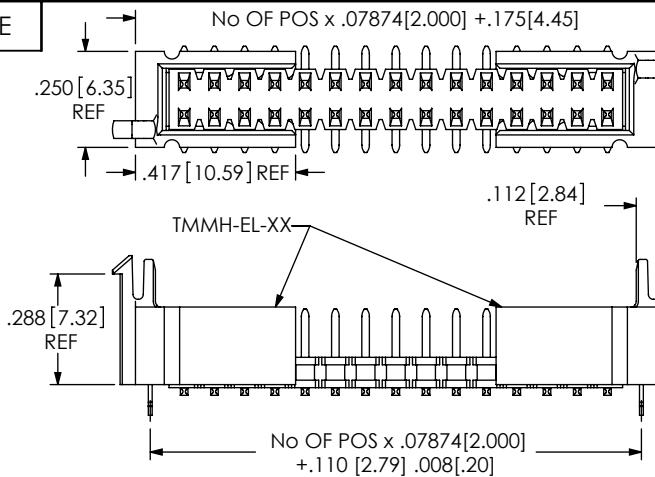
SHEET SCALE: 2:1

Samtec

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

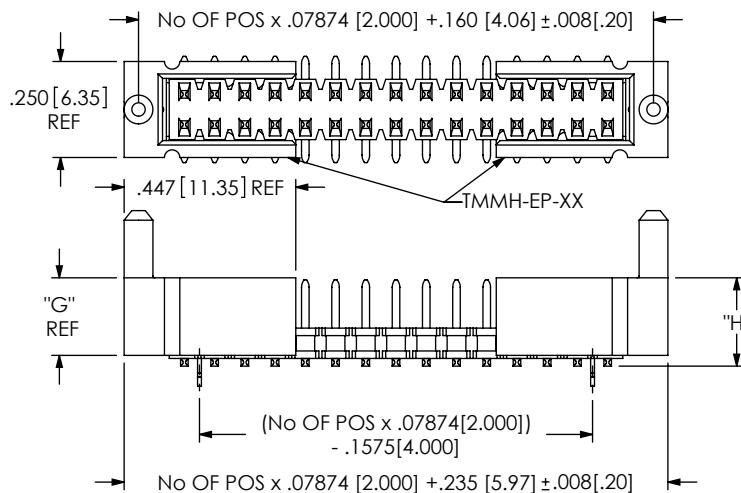
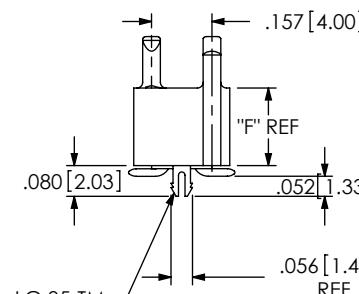
DESCRIPTION:
2MM X 2MM TERMINAL STRIP ASSEMBLY
DWG. NO.
TMMH-1XX-XX-XX-DV-XXX-TR-ASM
BY: PURVIS 10/08/1996 SHEET 3 OF 5

REVISION CE



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

(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

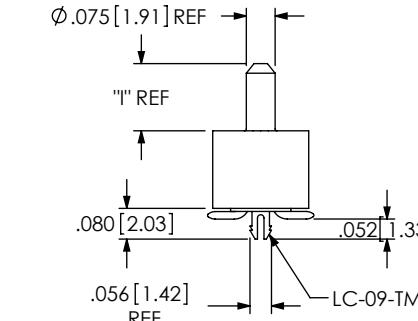


FIG 9

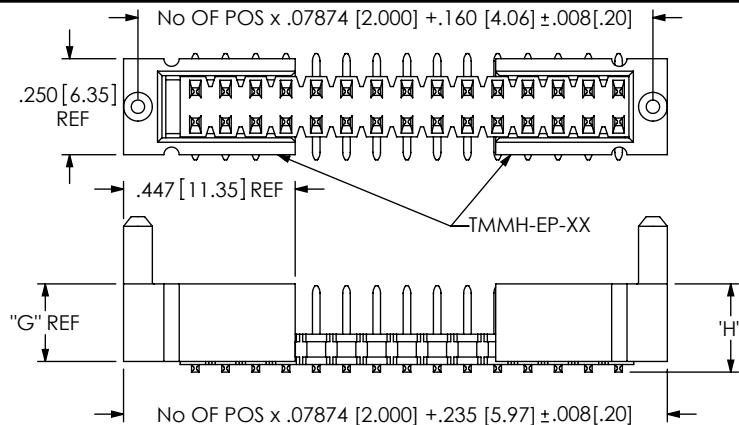
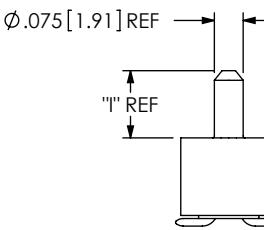
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1)

FIG 10

(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



PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC, INC. AND SHALL NOT BE REPRODUCED
OR TRANSFERRED TO OTHER DOCUMENTS OR
DISCLOSED TO OTHERS OR USED FOR ANY
PURPOSE OTHER THAN THAT WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED WRITTEN
CONSENT OF SAMTEC, INC.

SHEET SCALE: 2:1

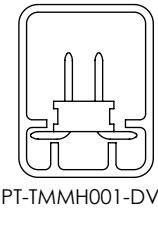
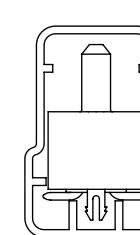
samtec
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION: 2MM X 2MM TERMINAL STRIP ASSEMBLY

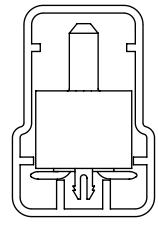
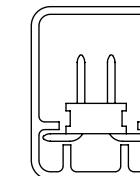
DWG. NO.

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

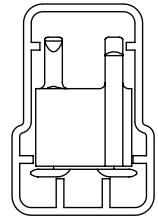
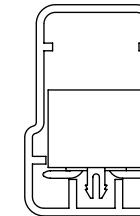
BY: PURVIS 10/08/1996 SHEET 4 OF 5



PT-TMMH002-DV-P



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

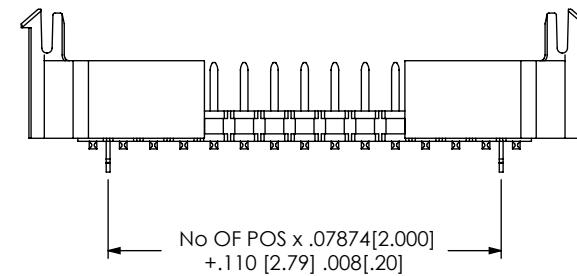


FIG 11
-EL-LC

(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 8)

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC, INC. AND SHALL NOT BE REPRODUCED
OR TRANSFERRED TO OTHER DOCUMENTS OR
DISCLOSED TO OTHERS OR USED FOR ANY
PURPOSE OTHER THAN THAT WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED WRITTEN
CONSENT OF SAMTEC, INC.

SHEET SCALE: 2:1

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-TR-ASM

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