

REVISION BV

DO NOT
SCALE FROM
THIS PRINT

NOTES:

1. \odot 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.

BV 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

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

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

LEAD STYLE

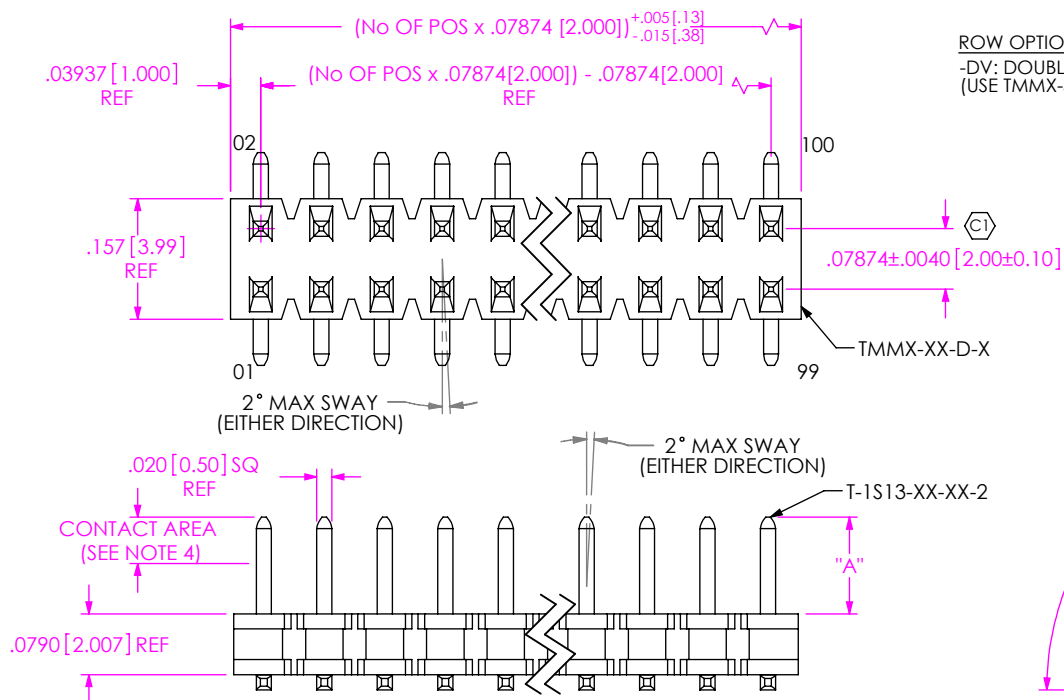
- 01: .126 [3.20]
(USE T-1S13-07-XX-2)
- 04: .075 [1.91]
(USE T-1S13-04-XX-2)
- 05: .065 [1.65] MIN
(USE T-1S13-20-XX-2)

POLARIZATION
SPECIFY POS -XXX TO BE OMITTED

OPTIONS **

- M: PICK & PLACE PAD (USE PPP-10)
(SEE FIG 3; 5 POS MIN)
- (-T, -TM PLATING WITH -M AVAILABLE TO EXISTING CUSTOMERS ONLY AS OF REV BV. DO NOT DESIGN IN.) **BV**
- TR: TAPE & REEL PACKAGING
(36 POS MAX. CONTACT SAMTEC FOR LARGER POSITIONS.)
- 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 2, 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 2, 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)

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



ROW OPTION
-DV: DOUBLE VERTICAL
(USE TMMC-50-D-X-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]

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES
.XX: $\pm .01 [3]$ 2°
.XXX: $\pm .005 [1.3]$
.XXXX: $\pm .0020 [51]$

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

MAX. CUT FLASH: .020 [51]

F:\DWG\MISC\Mktg\TMMH-1XX-XX-XX-DV-XXX-XXX-MKT.SLDRW

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.

samtec

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

DO NOT SCALE DRAWING

SHEET SCALE: 1:1

DESCRIPTION:

2MM X 2MM TERMINAL STRIP ASSEMBLY

DWG. NO.

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

BY: PURVIS

10/08/1996

SHEET 1 OF 4

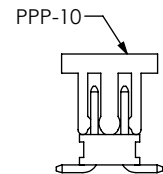
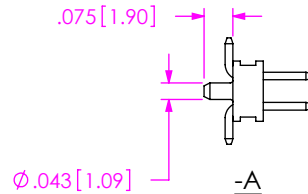
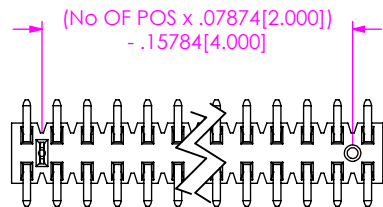
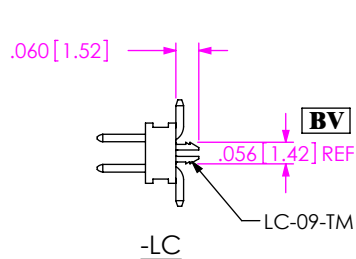
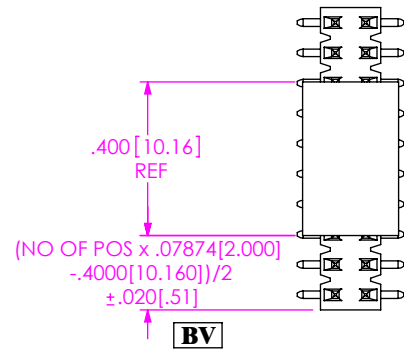
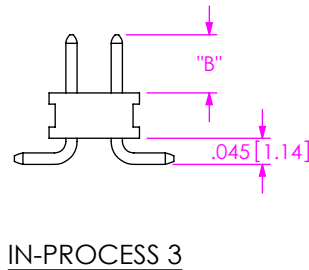
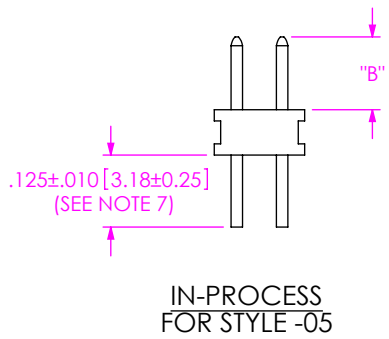
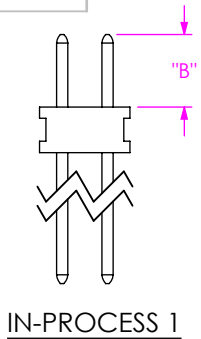


FIG 2
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1.)

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

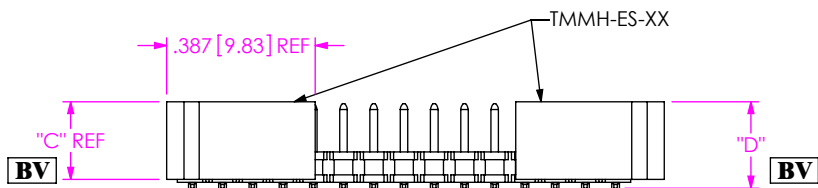
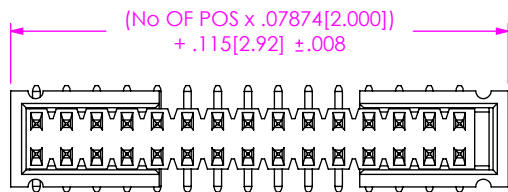
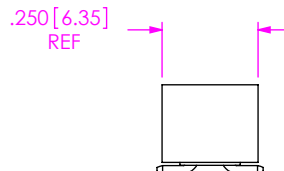


FIG 4
-ES
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1.)



BV

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

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

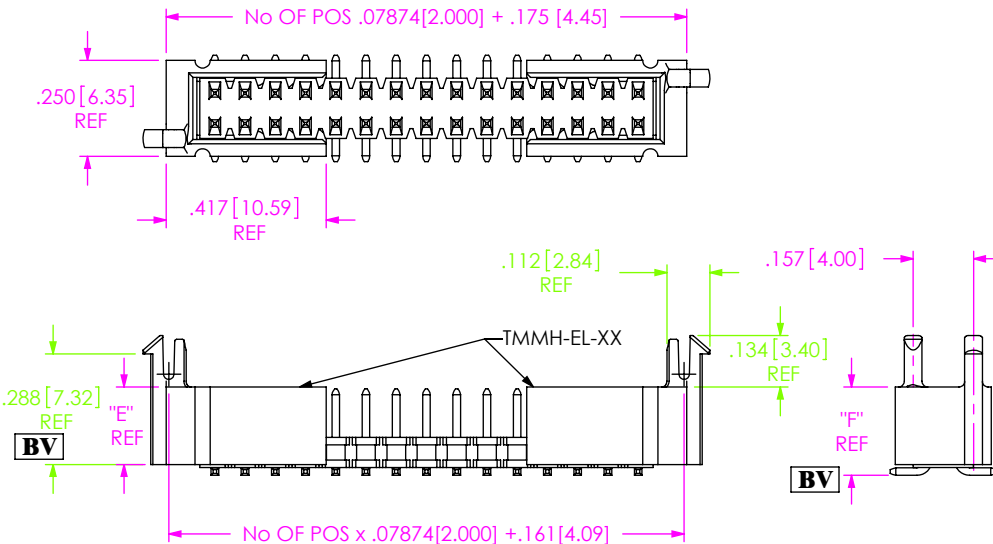
DESCRIPTION:
2MM X 2MM TERMINAL STRIP ASSEMBLY

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

BY: PURVIS 10/08/1996 SHEET 2 OF 4

BV

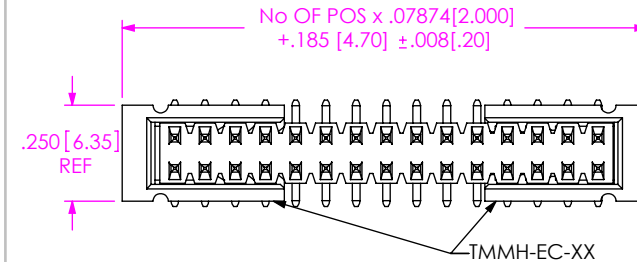
STYLE	"E"	"F"	SHROUD
-01	.202[5.13]	.230[5.84]	TMMH-EL-01
-04	.149[3.78]	.177[4.50]	TMMH-EL-04
-05	.149[3.78]	.177[4.50]	TMMH-EL-04


FIG 5
-EL

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

BV

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



BV

"J" REF

"K" REF

"K" REF

"K" REF

"K" REF

"K" REF

"K" REF

"K" REF

"K" REF

"K" REF

"K" REF

"K" REF

"K" REF

"K" REF

"K" REF

"K" REF

"K" REF

"K" REF

"K" REF

"K" REF

"K" REF

"K" REF

"K" REF

"K" REF

"K" REF

"K" REF

"K" REF

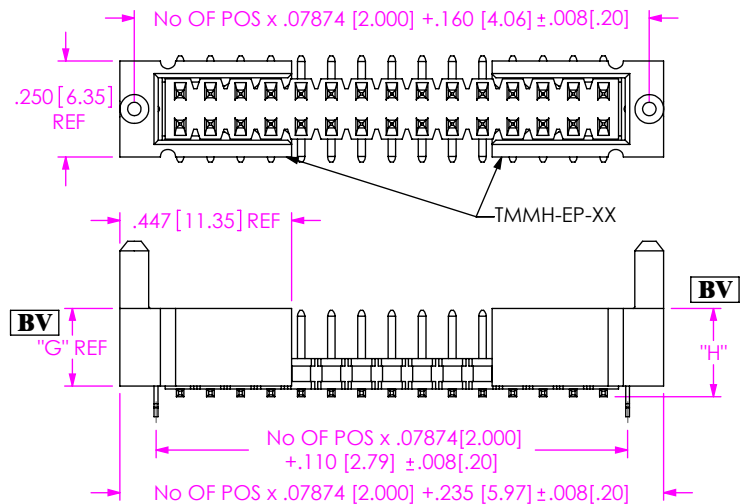
"K" REF

"K" REF

"K" REF

"K" REF

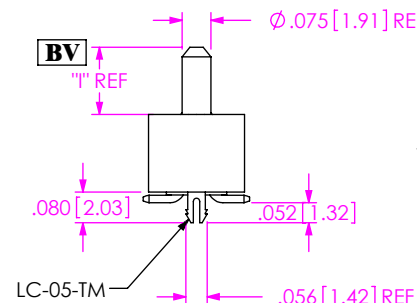
FIG 6
-EC

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

FIG 7
-EPC

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

BV

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

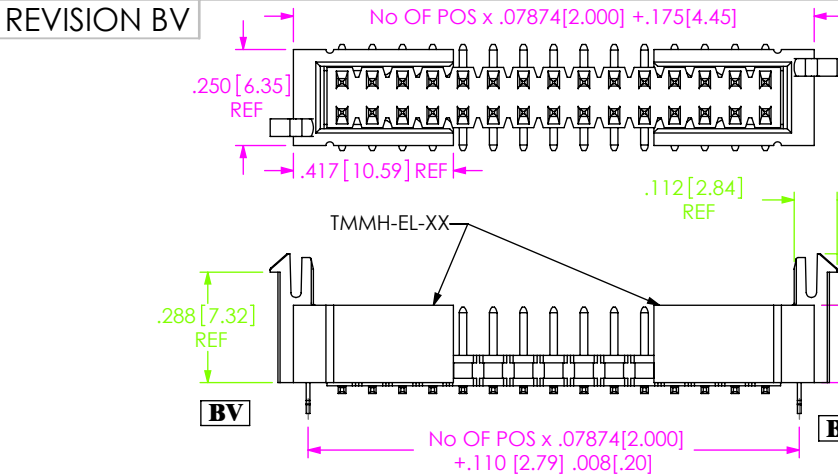
samtec

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

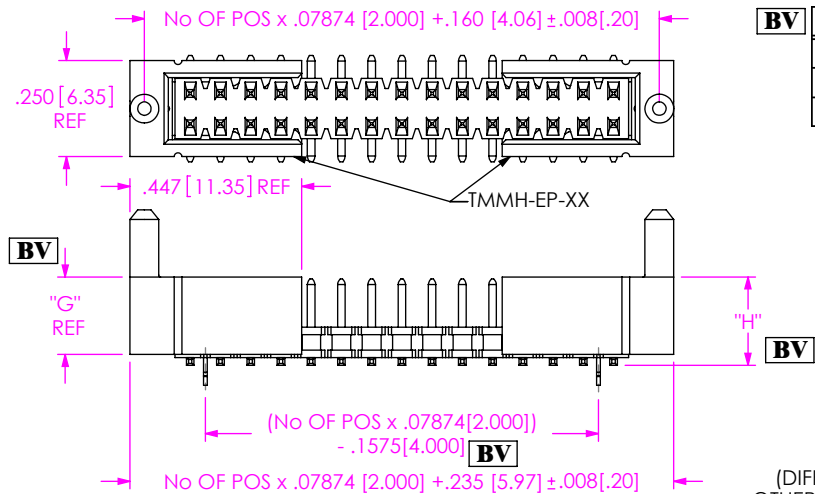
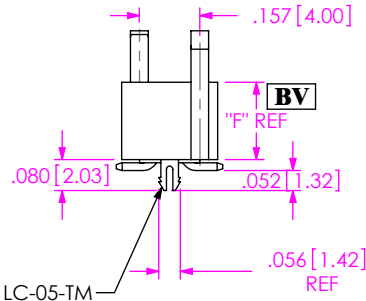
DWG. NO.
TMMH-1XX-XX-XX-DV-XXX-XXX-MKT

BY: PURVIS 10/08/1996 SHEET 3 OF 4



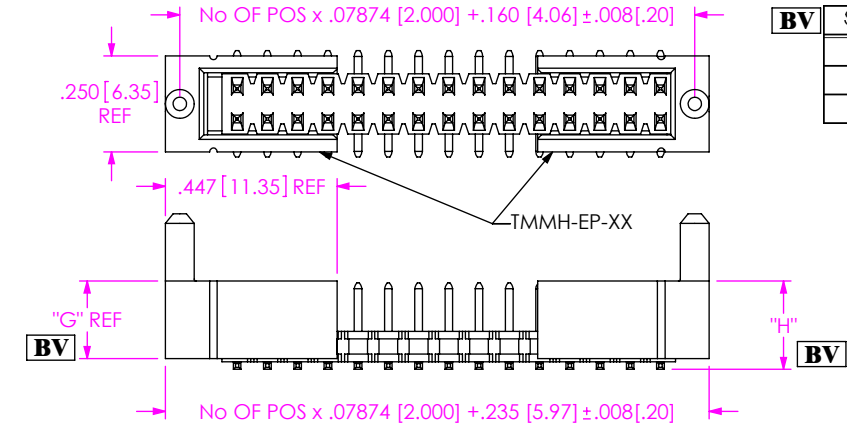
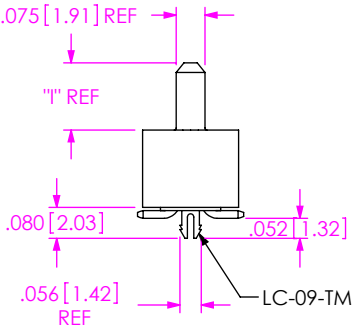
STYLE	"E"	"F"	SHROUD
-01	.202[5.13]	.230[5.84]	TMMH-EL-01
-04	.149[3.78]	.177[4.50]	TMMH-EL-04
-05	.149[3.78]	.177[4.50]	TMMH-EL-04

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



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
(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

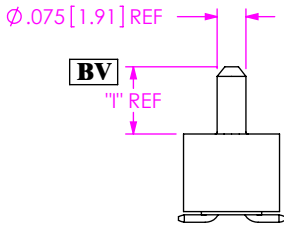
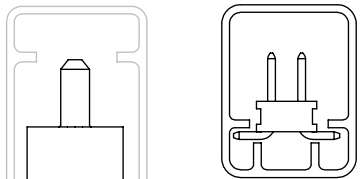
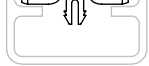


FIG 10
-EP-LC
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1.)

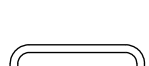
F:\DWG\MISC\mktg\TMMH-1XX-XX-XX-DV-XXX-XXX-MKT.SLDDRW



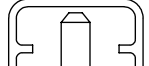
PT-TMMH001-DV-P



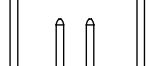
PT-TMMH002-DV-EX-P



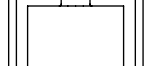
PT-TMMH001-DV-P



PT-TMMH002-DV-EX-P



PT-TMMH002-DV-EX-P



PT-TMMH002-DV-EX-P

PACKAGING VIEW

OPTIONS	PACKAGING TUBE	PLUG
NONE, -A, -LC -M, -A-M -LC-M	PT-TMMH001-DV-P	TP-09
-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

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



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-XXX-MKT

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