

NOTES:

1. $\text{\textcircled{C}}$ 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)

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)

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

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

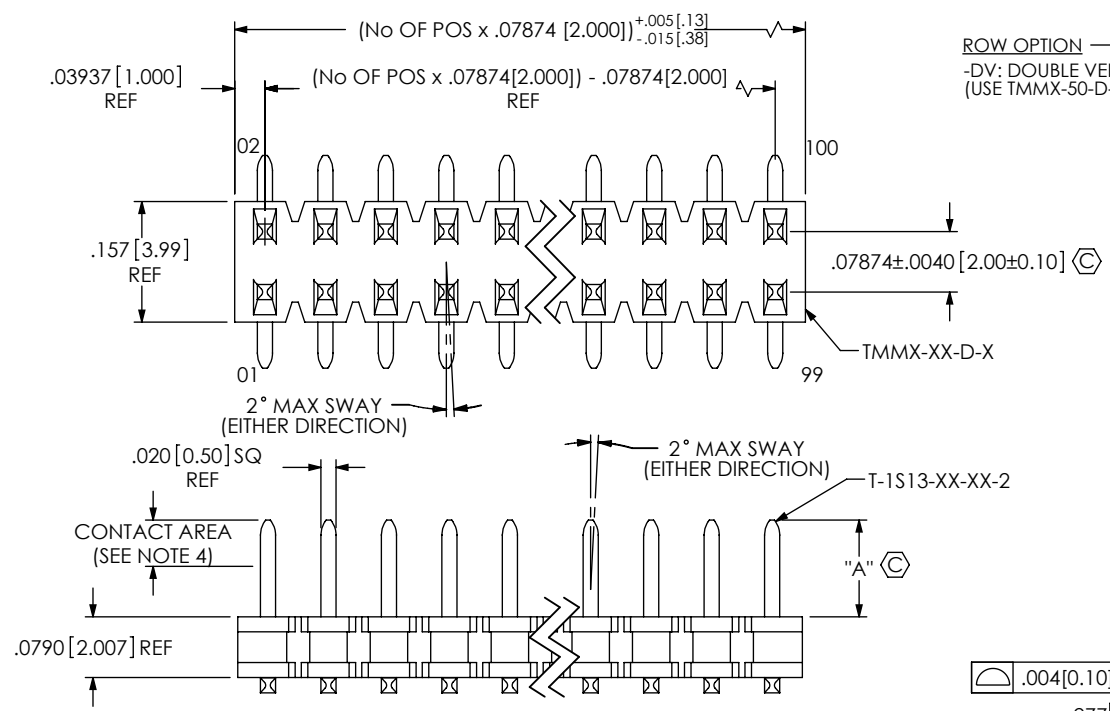


TABLE 1

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]

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: $\pm .01 [0.3]$
 .XXX: $\pm .005 [0.13]$
 .XXXX: $\pm .0020 [0.051]$

ANGLES: 2°

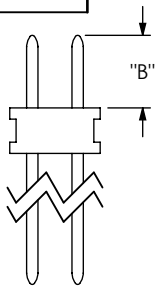
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MATERIAL: LCP, UL 94 VO, COLOR: BLACK
 TERMINAL: PHOSPHOR BRONZE, ALLOY
 MAX. CUT FLASH: .020 [0.51]

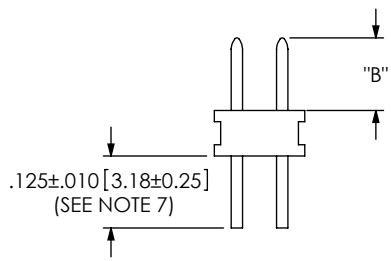
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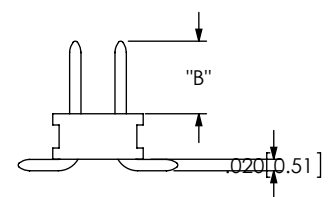
2MM X 2MM TERMINAL STRIP ASSEMBLY
 DWG. NO. TMMH-1XX-XX-XX-DV-XXX-XX-ASM
 BY: PURVIS 10/08/1996 SHEET 1 OF 5



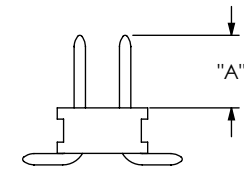
IN-PROCESS 1



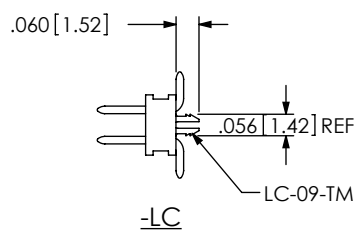
IN-PROCESS FOR STYLE -05



IN-PROCESS 3



IN-PROCESS 4



-LC

LC-09-TM

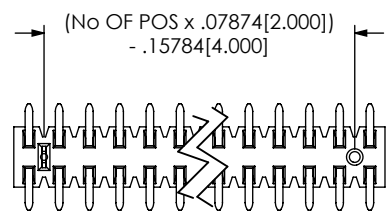
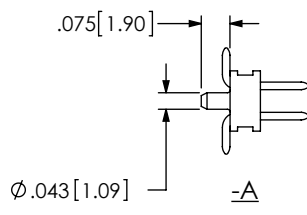


FIG 2
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1)



-A

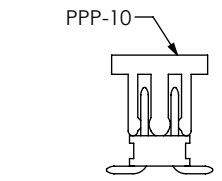
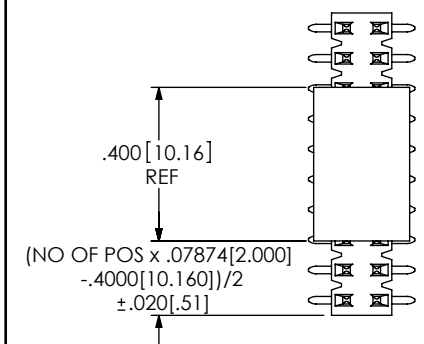
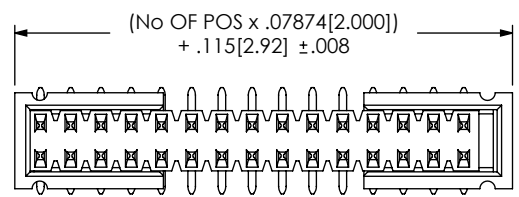


FIG 3
-M
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1)



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

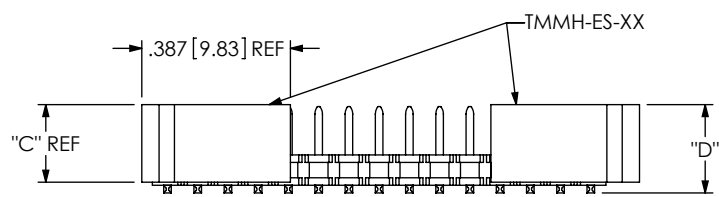
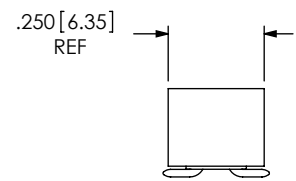


FIG 4
-ES
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DESCRIPTION:
2MM X 2MM TERMINAL STRIP ASSEMBLY

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

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

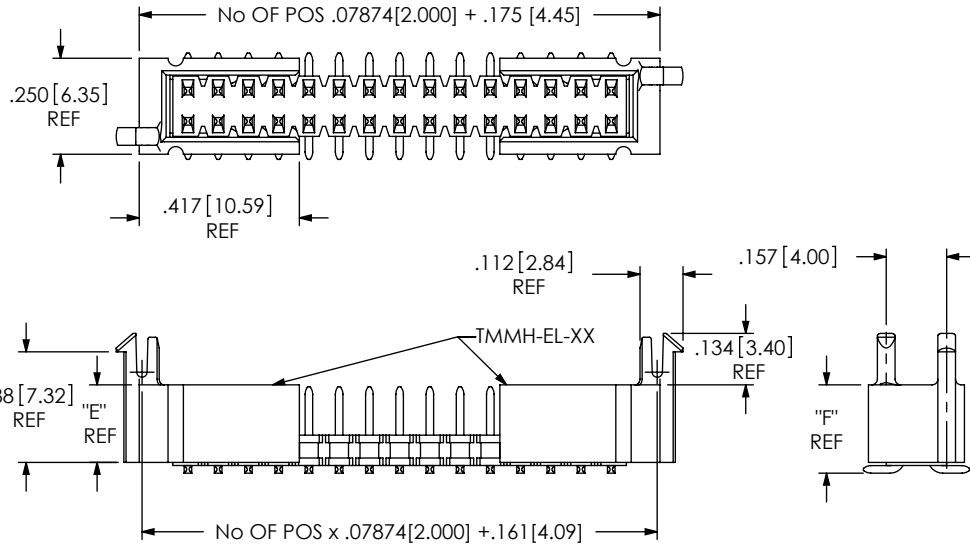


FIG 5
-EL

(DIFFERENT AS SHOWN,
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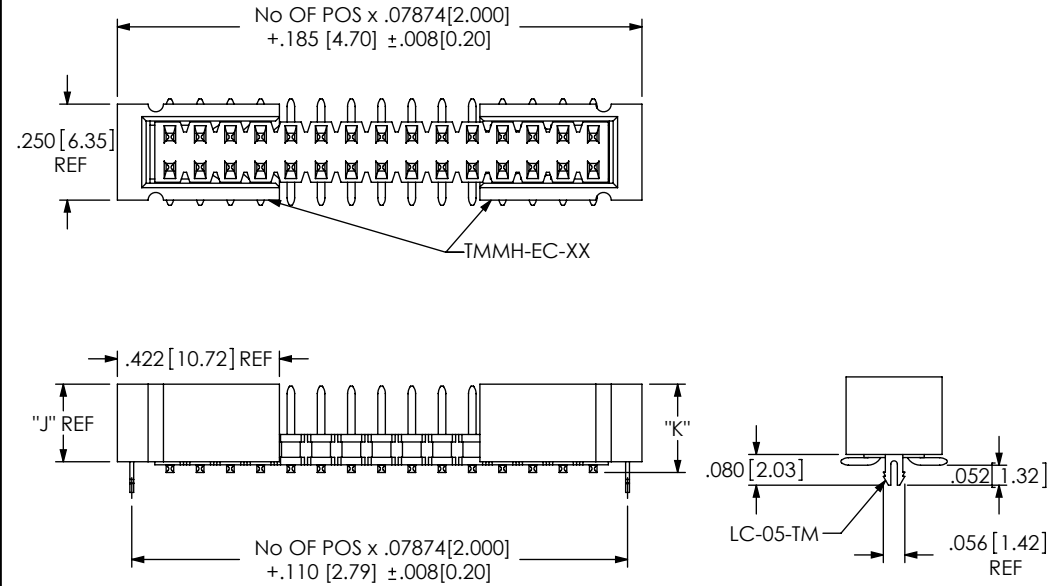


FIG 6
-EC

(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1)

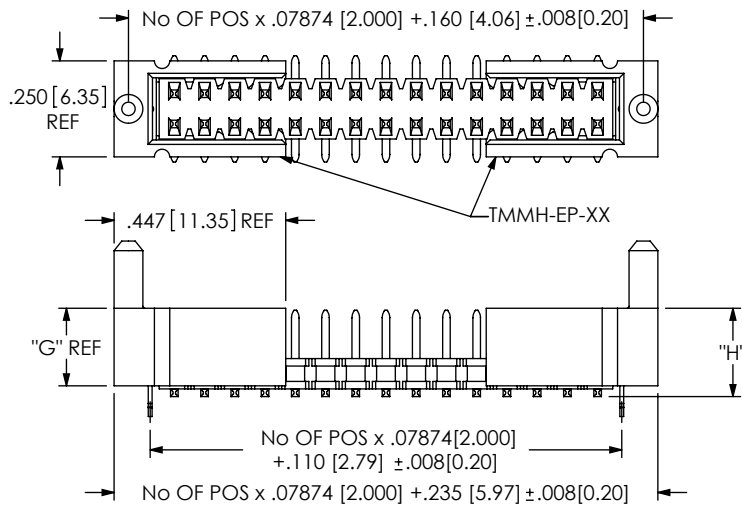
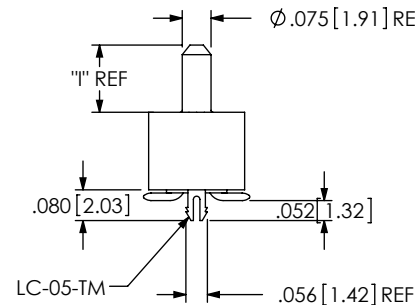


FIG 7
-EPC

(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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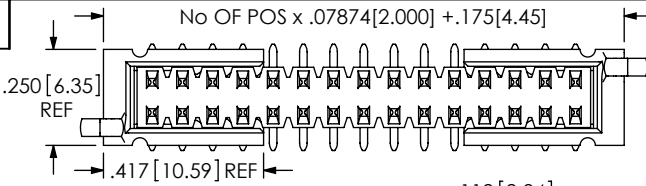
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SHEET SCALE: 2:1

DESCRIPTION:
2MM X 2MM TERMINAL STRIP ASSEMBLY

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

BY: PURVIS 10/08/1996 SHEET 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

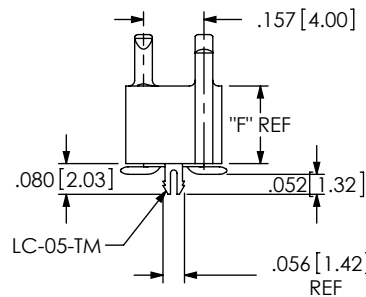
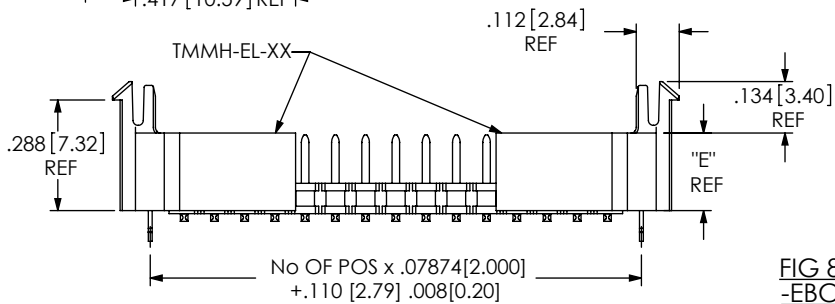
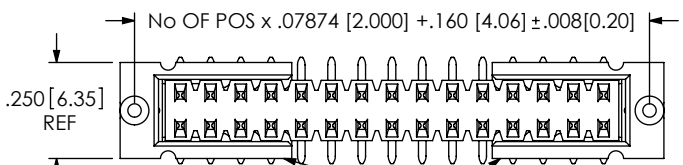


FIG 8
-EBC
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1)



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

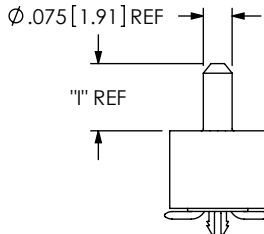
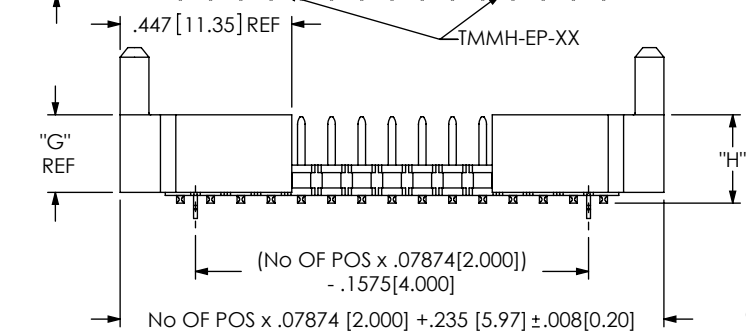
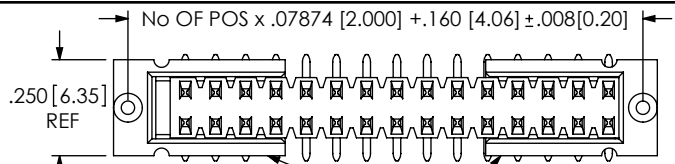


FIG 9
-EP-LC
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 2)



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

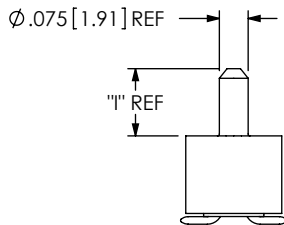
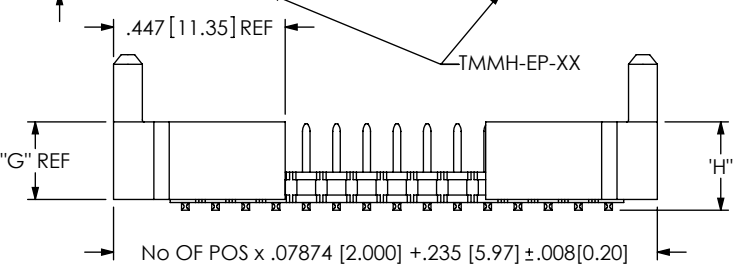
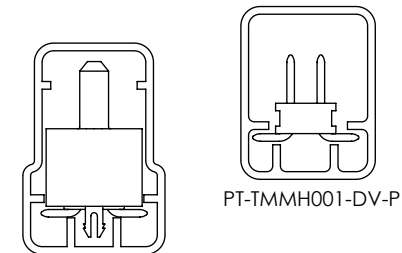
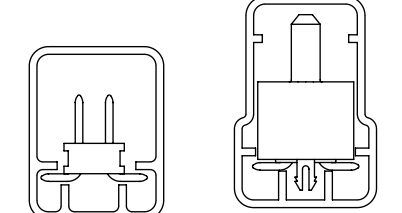


FIG 10
-EP
(DIFFERENT AS SHOWN,
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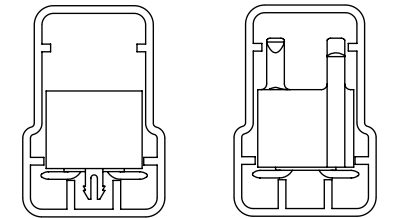


PT-TMMH001-DV-P

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

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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

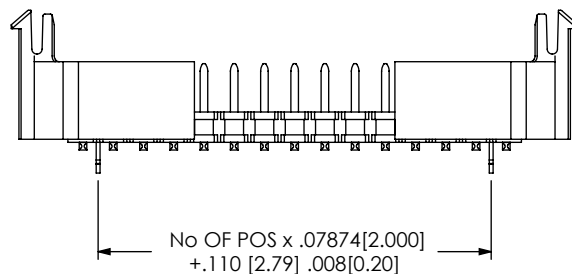


FIG 11
-EL-LC

(DIFFERENT AS SHOWN,
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