

REVISION CE

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.

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

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)

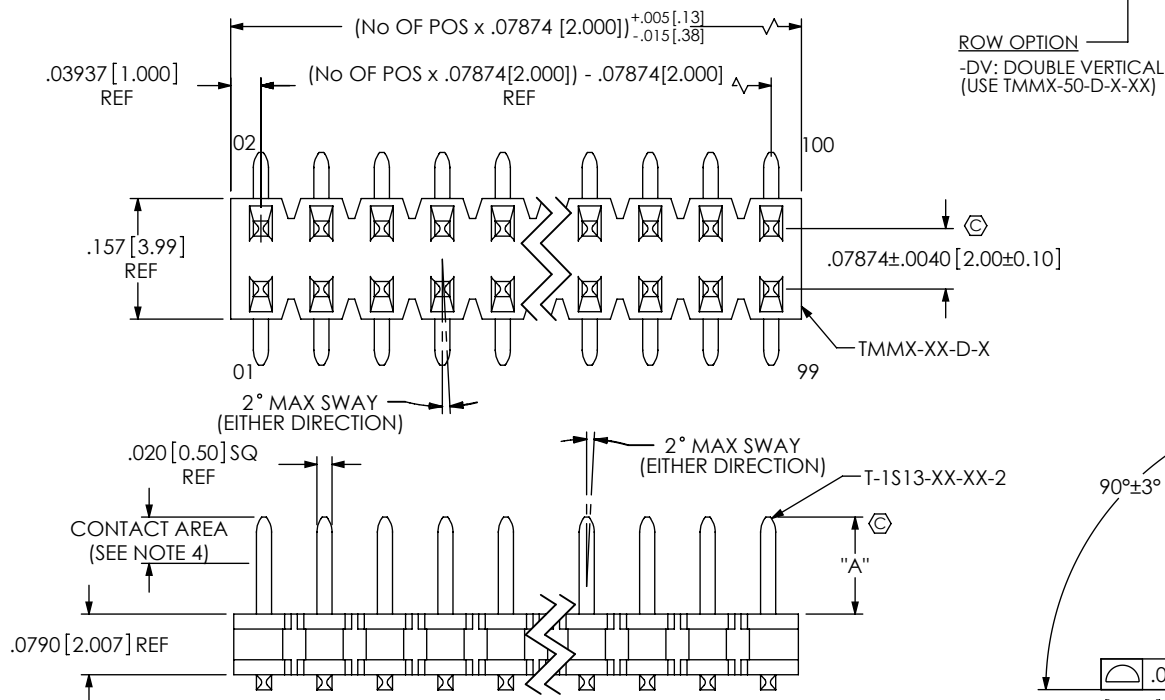
OPTION

-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)

DO NOT
 SCALE FROM
 THIS PRINT



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 ANGLES
 .XX: ±.01 [.3] 2°
 .XXX: ±.005 [.13]
 .XXXX: ±.0020 [.051]

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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

F:\DWG\MISC\MTG\TMMH-1XX-XX-XX-DV-XXX-TR-ASM-MKT.SLDDRW

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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

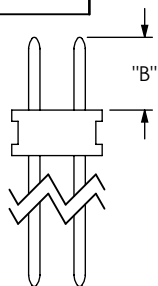
DWG. NO.

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

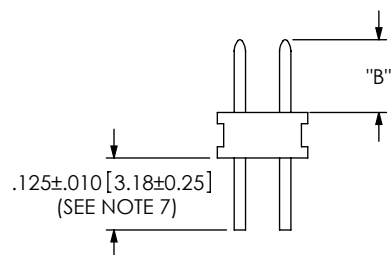
BY: PURVIS

10/08/1996

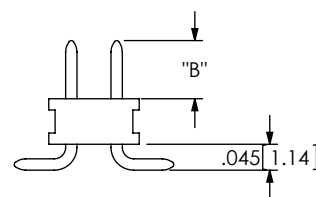
SHEET 1 OF 5



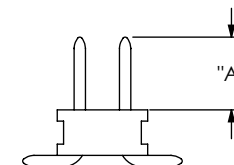
IN-PROCESS 1



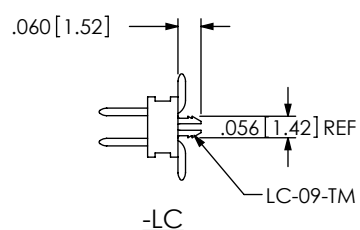
IN-PROCESS
FOR STYLE -05



IN-PROCESS 3



IN-PROCESS 4



-LC

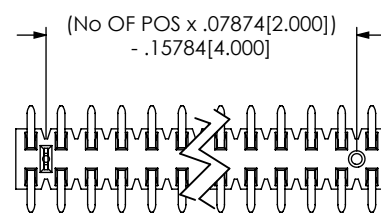
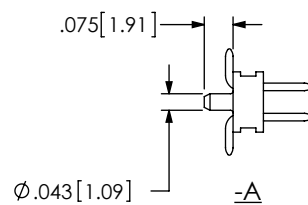


FIG 2
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1)



-A

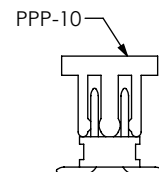
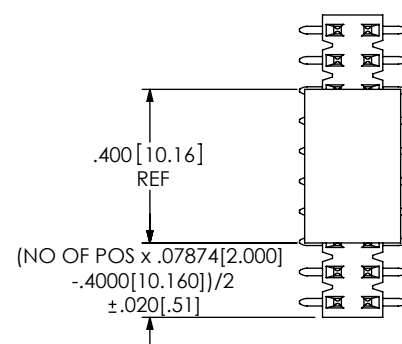
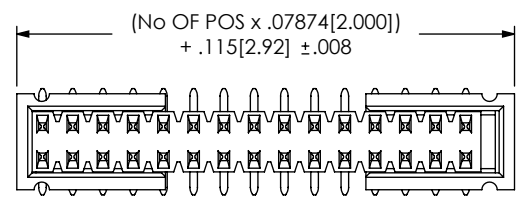


FIG 3
-M
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1)



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

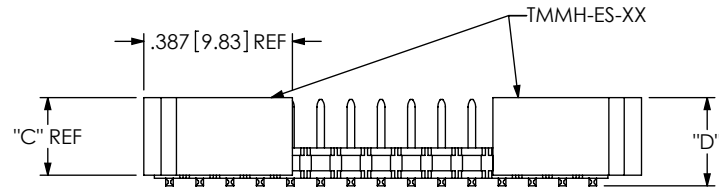
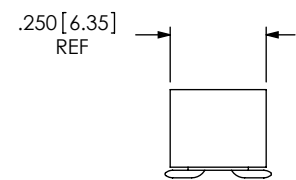


FIG 4
-ES
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1)



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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

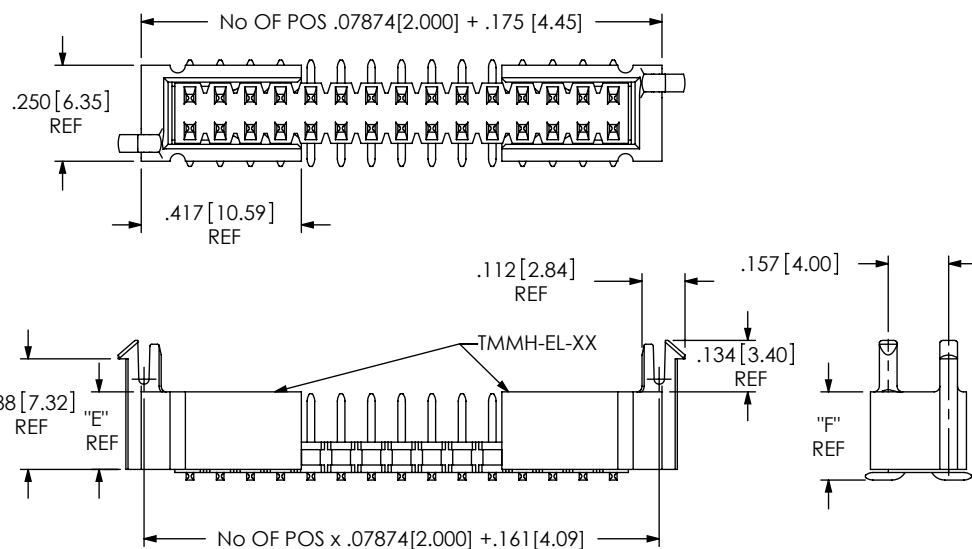


FIG 5
-EL

(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

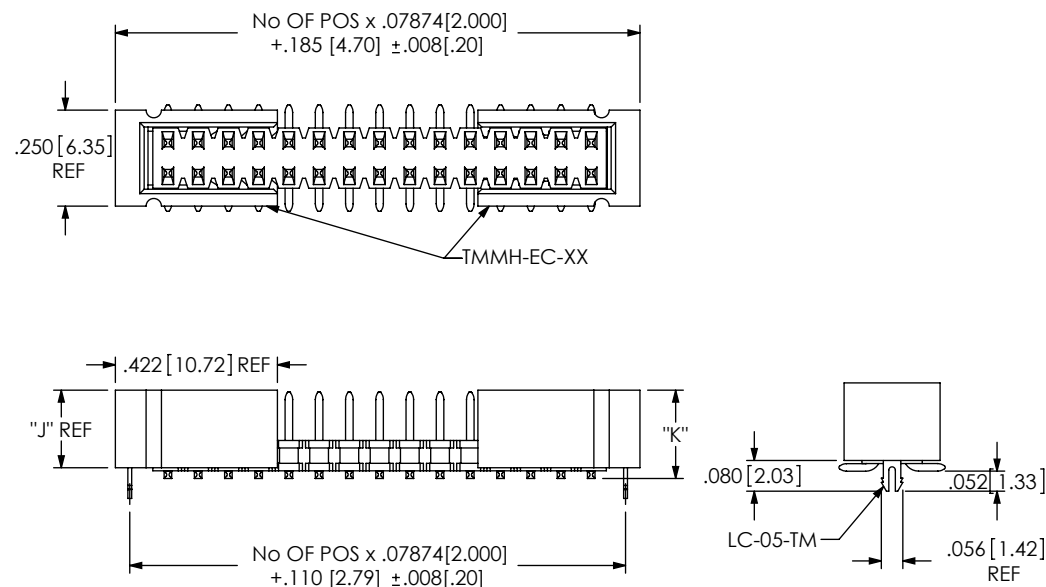


FIG 6
-EC

(DIFFERENT AS SHOWN,
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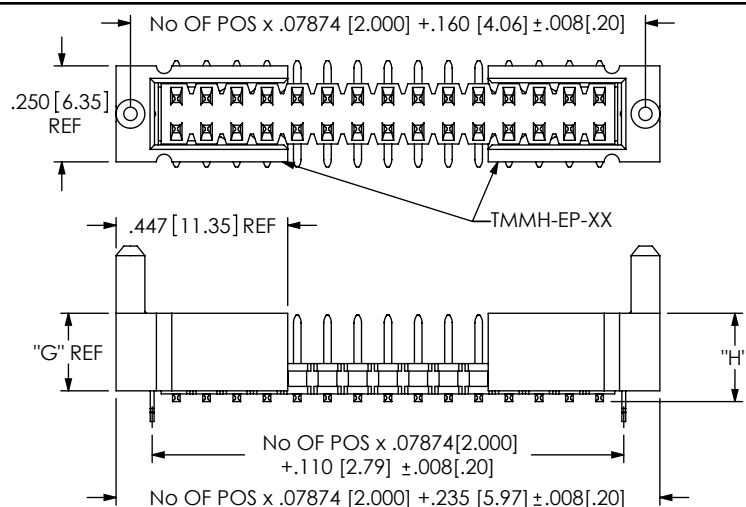
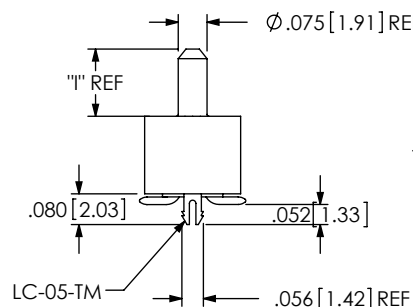


FIG 7
-EPC

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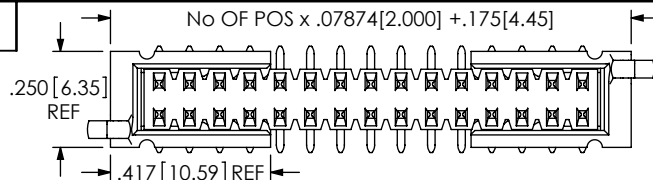
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DWG. NO.
TMMH-1XX-XX-XX-DV-XXX-TR-ASM

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

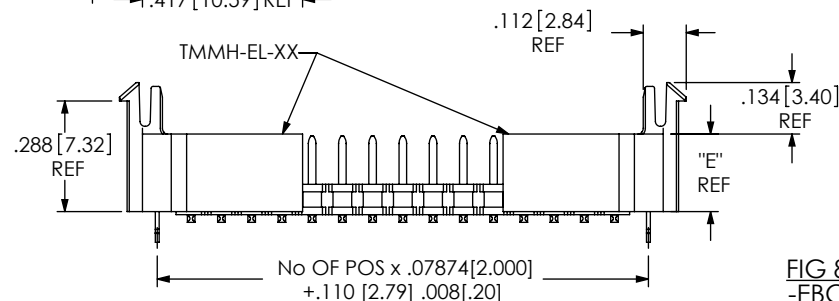
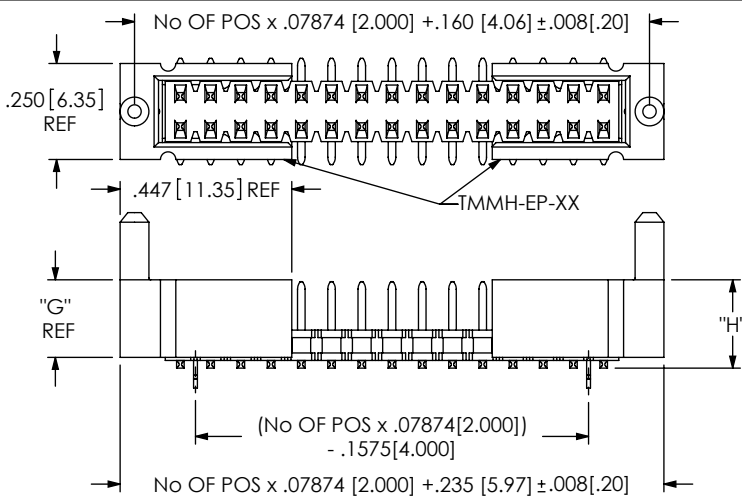
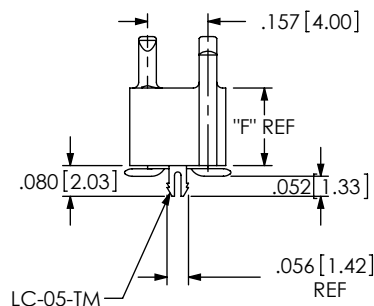


FIG 8
-EBC
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1)



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

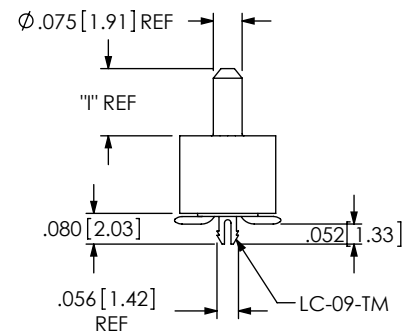
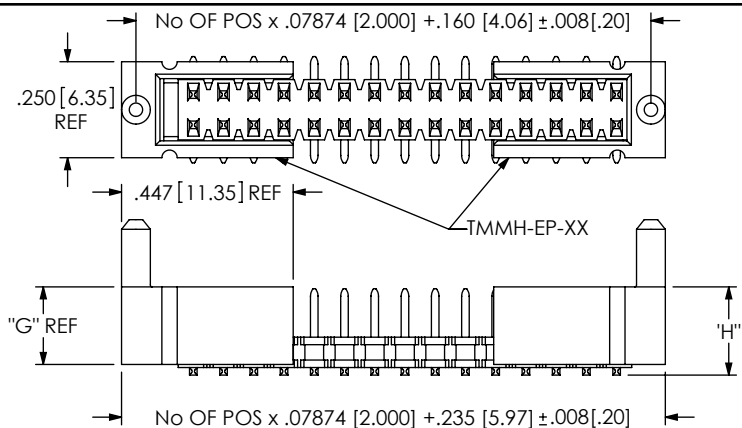


FIG 9
-EP-LC
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1)



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

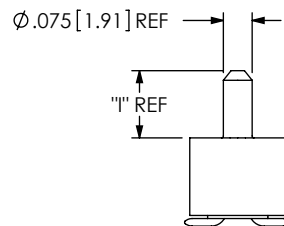
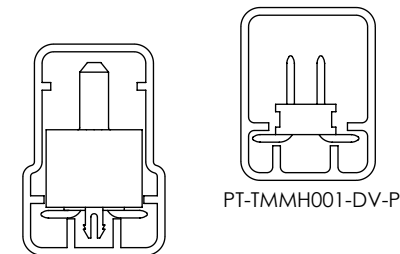
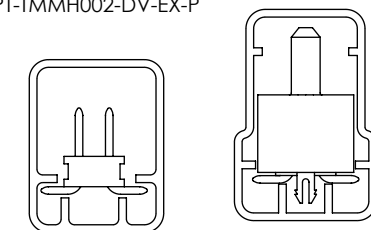


FIG 10
-EP
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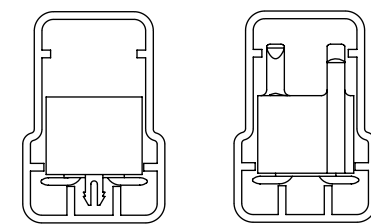
F:\DWG\MISC\MKTG\TMMH-1XX-XX-XX-DV-XXX-TR-ASM-MKT.SLDDRW



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

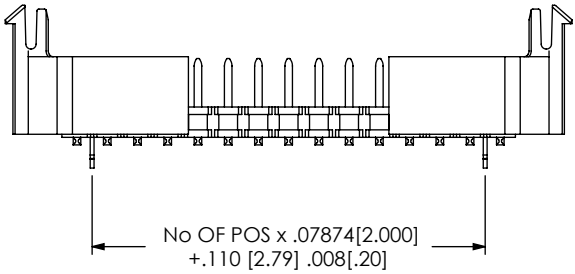


FIG 11
-EL-LC
(DIFFERENT AS SHOWN,
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BY: PURVIS 10/08/1996 SHEET 5 OF 5