REVISION BU

DO NOT SCALE FROM THIS PRINT

NOTES:

1. PARTS MAY BE CUT TO POSITION.
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. Ⓒ REPRESENTS A CRITICAL DIMENSION.
6. MINIMUM PUSHOUT FORCE: 1.0 LB.
7. SURFACE MOUNT TAILS TO BE SHEARED TO DIMENSION ON STYLE −05 ONLY.
8. NOTE DELETED.
9. MAX. CUT FLASH: .020 [.51] FLASH NOT TO BE ON SURFACE MOUNT SIDE.
10. 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.

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES	TOLERANCES ARE:	ANGLES
ONE PLACE DECIMALS ±.1[2.5]	THREE PLACE DECIMALS ±.005[.13]	± 2°
TWO PLACE DECIMALS ±.01[.3]	FOUR PLACE DECIMALS ±.0020[.051]	

TITLE: 2mm x 2mm TERMINAL STRIP ASSEMBLY

DWG NO: TMMH-1XX-XX-XX-DV-XXX-XXX

SHEET 1 OF 3

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)

PLATING
−L: LIGHT SELECTIVE, 15 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
−F: FLASH SELECTIVE, 3 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
−S: SELECTIVE, 30 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
−G: GOLD, 20 Au / 50 Ni MIN ON CONTACT, 3 Au / 50 Ni MIN ON TAIL
−T: MATTE TIN CONTACT AND TAIL
−H: HEAVY GOLD, 30 Au / 50 Ni MIN ON CONTACT, 3 Au / 50 Ni MIN ON TAIL
−TM: MATTE TIN CONTACT AND TAIL
−LM: LIGHT SECLECTIVE, 15 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
−SM: SELECTIVE, 30 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
−FM: FLASH SELECTIVE, 3 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL

ROW OPTION
−DV: DOUBLE VERTICAL (USE TMMX−50−D−X−XX)

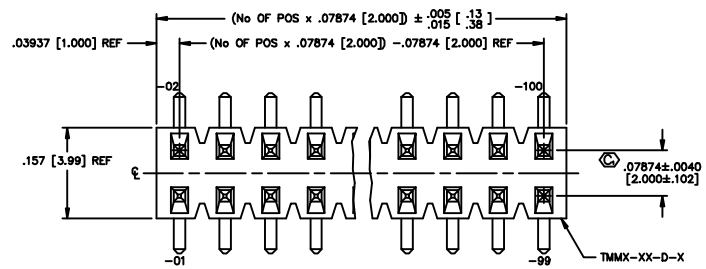
** ALL OPTIONS EXCEPT THE −EX OPTIONS USE THE TMMC−50−D−X−XX
−EX OPTIONS USE THE TMMH−50−D−X−XX

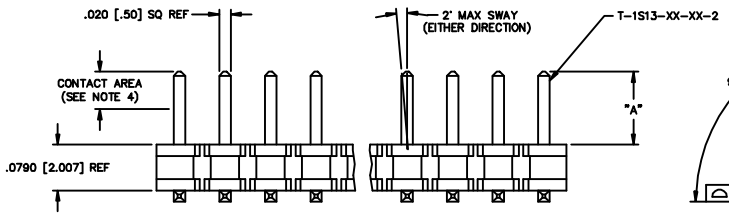
POLARIZATION
SPECIFY POS −XXX TO BE OMITTED

OPTIONS **
−M: PICK & PLACE PAD (USE PPP−10) (SEE FIG 3; 5 POS MIN)
−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)
−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)
−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)
−EPC: GUIDE POST WITH LOCKING CLIP (SEE FIG. 7, SHT. 3, 9 POS MIN) (NOT AVAILABLE WITH −A OR −LC)

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]





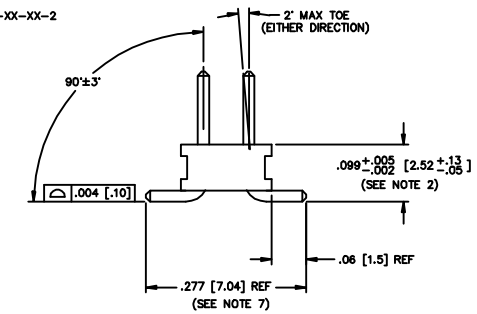
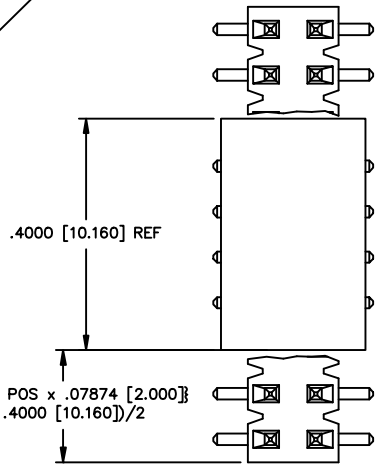


FIG. 1



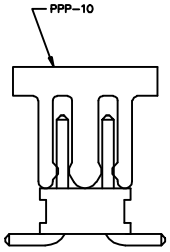
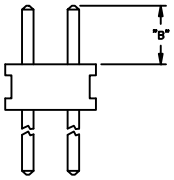
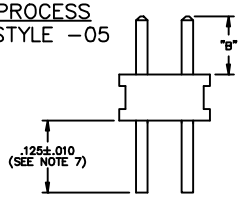


FIG. 3
−M

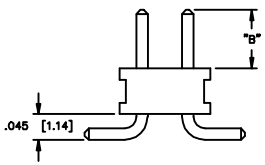
IN−PROCESS 1



IN−PROCESS FOR STYLE −05



IN−PROCESS 3



MATERIAL:
BODIES:
LCP, UL 94 V0
COLOR: BLACK
TERMINALS:
PHOSPHER BRONZE, ALLOY

samtec
520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150
PHONE (812) 944−6733 P.O. BOX 1147
CODE 55322

MISC\MKTG TMMHV1MK

MADE BY: PURVIS 10−08−96

TMMH−1XX−XX−XX−DV−XXX−XXX
SHEET 1 OF 3

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