

TABLE 1

LEAD STYLE	TERMINAL SPEC.	"B" MAX	"C"	"L"
-01	T-1M6-14-XX-2	.330 [8.38]	.180 [4.57]	.555 [14.10]
-53	T-1M6-03-XX-2	.385 [9.78]	.235 [5.97]	.610 [15.49]
-54	T-1M6-19-XX-2	.435 [11.05]	.285 [7.24]	.650 [16.51]
-55	T-1M6-05-XX-2	.490 [12.45]	.340 [8.63]	.705 [17.91]
-56	T-1M6-15-XX-2	.505 [12.83]	.355 [9.01]	.755 [19.18]
-57	T-1M6-15-XX-2	.530 [13.46]	.380 [9.65]	.755 [19.18]
-58	T-1M6-16-XX-2	.585 [14.86]	.435 [11.05]	.825 [20.96]
-59	T-1M6-16-XX-2	.615 [15.62]	.465 [12.32]	.825 [20.96]

HDWM-XX-XX-XX-X-XXX-SM-XXX

BODY LENGTH SPEC
EXPRESSED IN # POS PER ROW
(-01 THRU -50)
"XX" = No. OF POS x .050

LEAD STYLE
SEE TABLE 1

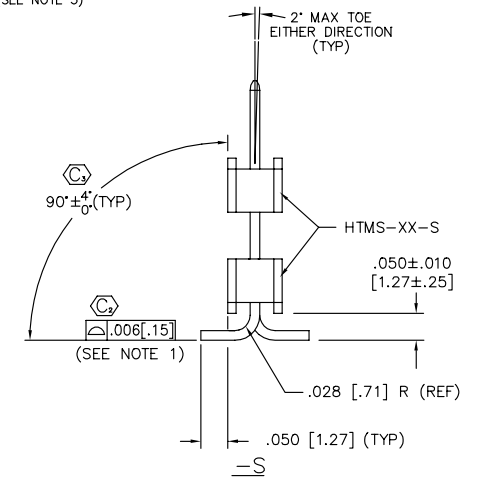
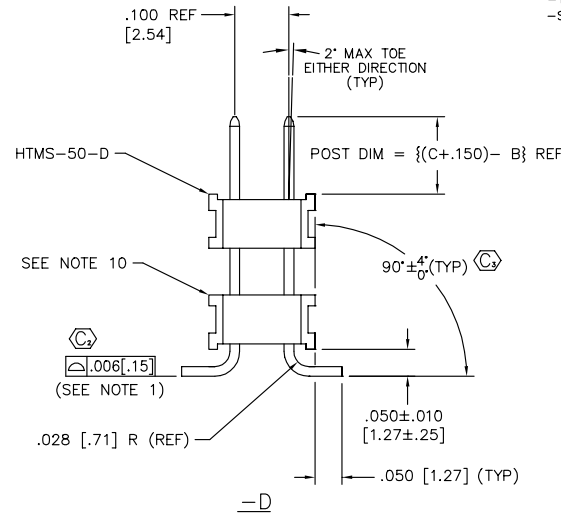
OPTION
-POLARIZING SPECIFICATION
XXX INDICATES POSITION TO BE OMITTED
-A: STAKED ALIGNMENT PIN (SEE SHT 2, FIG 2)
(6 POS MIN, BODY SPEC -D ONLY, USE SM-ABH)
-LC: STAKED LOCKING CLIP (SEE SHT 2, FIG 3)
(5 POS MIN, BODY SPEC -D ONLY, USE LC-05-TM)
-P: PICK & PLACE PAD (SEE SHT. 2, FIG. 4)
(.100 MIN POST HEIGHT)

OPTION
-SM: SURFACE MOUNT

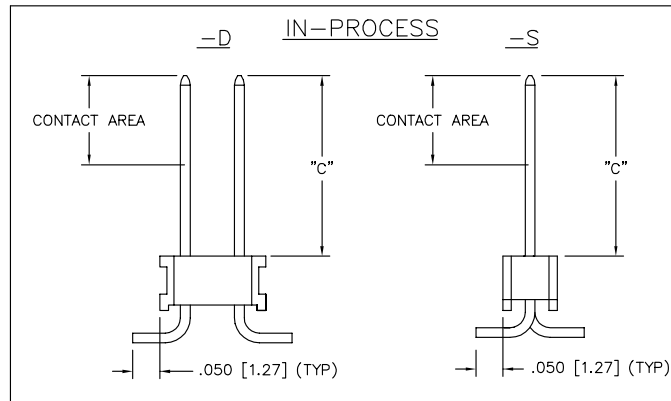
BOARD SPACE
"XXX" = "B" SEE TABLE 1

BODY SPECIFICATION
-S: SINGLE (USE HTMS-XX-S)
-D: DOUBLE (USE HTMS-XX-D)

PLATING SPECIFICATION
-G: GOLD, SPECIFY -G IN TERMINAL SUFFIX -XX (SEE NOTE 5)
-T: TIN, SPECIFY -T IN TERMINAL SUFFIX -XX
ONLY AVAILABLE IN LEAD STYLE -01
-S: SELECTIVE GOLD, SPECIFY -S IN TERMINAL SUFFIX -XX (SEE NOTE 5)
-TM: MATTE TIN, SPECIFY -T IN TERMINAL SUFFIX -X
-SM: SELECTIVE GOLD, MATTE TIN TAIL, SPECIFY -S IN TERMINAL SUFFIX -X
(SEE NOTE 5)



- NOTES:
1. COPLANARITY OF LEADS TO BE: .006
 2. HEIGHT VARIATION BETWEEN ANY TWO PINS SHALL BE .010 MAX.
 3. TERMINAL PUSHOUT FORCE: 2 lbs. MIN.
 4. Ⓢ REPRESENTS A CRITICAL DIMENSION FOR STATISTICAL PROCESS CONTROL USE.
 5. FOR -S, -G, -TM & -SM PLATING, GOLD WILL BE ON CONTACT AREA.
 6. TUBE POSITIONS -07 THRU -50 ONLY; POSITIONS -01 THRU -06 TO BE LAYER PACKAGED.
 7. CUT FLASH: .010 MAX
 8. .003 MAX BURR
 9. "L" REPRESENTS OVERALL LENGTH OF PIN BEFORE -SM PROCESS.
 10. USE DWM-50-D WHEN RAN ON BOARD STACKER AUTOMATION, USE HTMS-50-D FOR HAND FILL AND SINGLE BODY AUTOMATION.



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MATERIAL:
INSULATOR:
MATERIAL: VECTRA E1301
COLOR: BLACK

TERMINAL:
MATERIAL:
510 PHOSPHOR 3/4 HARD
BRONZE
TENSILE RANGE 96 - 115 KSI.

PLOT SCALE: 1=15

EXISPROD/ASSEMBLY/050 HDWMSMT

samtec

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

MADE BY: BRYANT 7-9-92

HDWM-XX-XX-XX-X-XXX-SM-XXX
SHEET 1 OF 3

REV. AL

UNLESS OTHERWISE NOTED
 DIMENSIONS ARE IN INCHES TOLERANCES ARE:
 ONE PLACE DECIMALS ±.1 [2.54] THREE PLACE DECIMALS ±.005 [.13]
 TWO PLACE DECIMALS ±.01 [.25] FOUR PLACE DECIMALS ±.0020 [.05] ANGLES ± 2°

TITLE:
 BOARD SPACING
 SURFACE MOUNT
 MICRO STRIPS

DWG NO:
 HDWM-XX-XX-XX-X-XXX-SM-XXX
 SHEET 2 OF 3

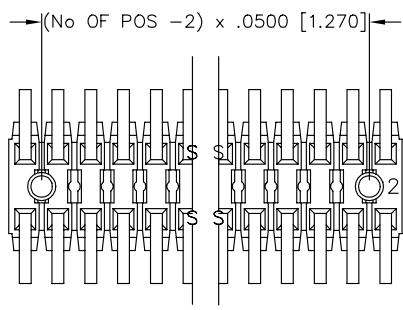
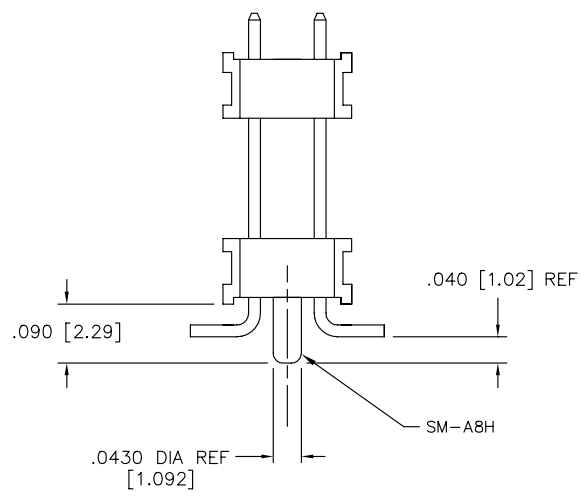


FIG 2
 -A OPTION: STAKED ALIGNMENT PIN
 (6 POSITIONS MINIMUM)
 [BODY SPEC -D ONLY]

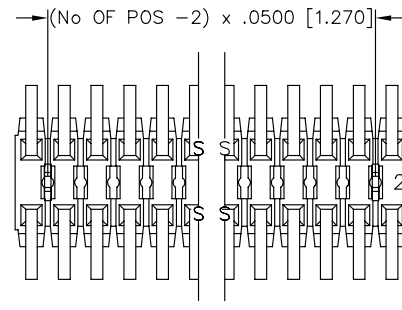
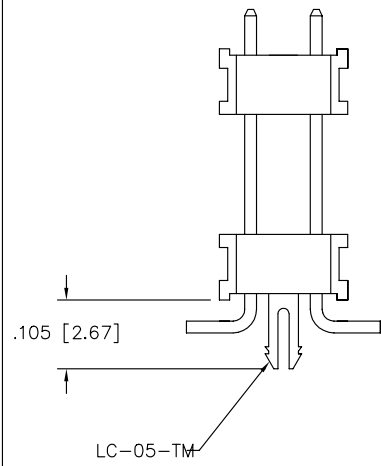


FIG 3
 -LC OPTION: STAKED LOCKING CLIP
 (5 POSITIONS MINIMUM)
 [BODY SPEC -D ONLY]

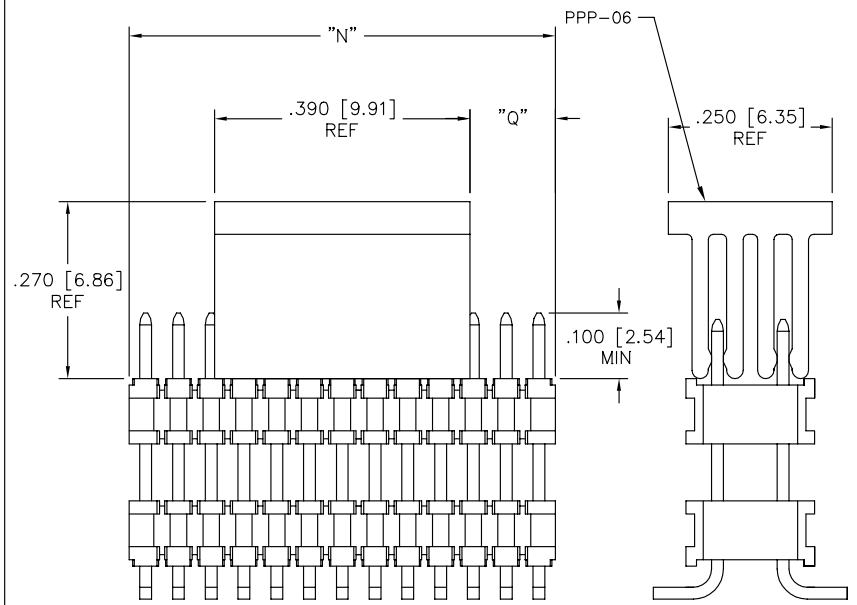


FIG 4
 -P OPTION: PICK & PLACE PAD
 (MIN POST HEIGHT .100 [2.54])
 [BODY SPEC -D ONLY]

"N" = USE MEASURED DIMENSION
 "Q" = {("N" - .390 [9.91]) / 2} ± .020 [.51]

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 HDWMSMT2

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 SHEET 2 OF 3

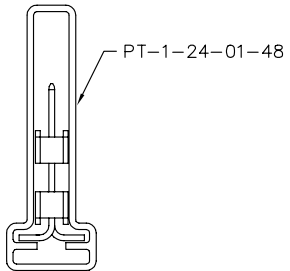
PLOT SCALE: 1=.15

REV. AL

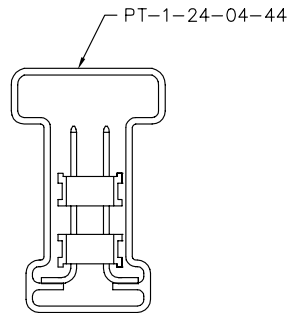
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 MICRO STRIPS

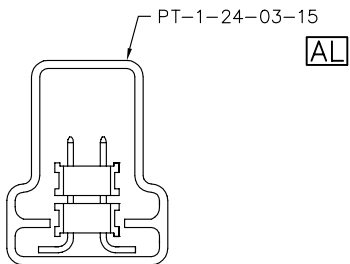
DWG NO:
 HDWM-XX-XX-XX-X-XXX-SM-XXX
 SHEET 3 OF 3



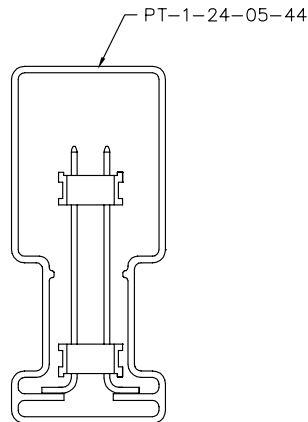
-S: SINGLE
 LEAD STYLES -01, -53, -54,
 -55, -56, -57, -58, -59



-D: DOUBLE
 LEAD STYLES -54, -55,
 -56, -57, -58



-01-D-250-SM: DOUBLE
 -53-D-SM: DOUBLE



ALL -59-D, ALL -P

TABLE 2		
BODY SPEC.	PACKAGING TUBE (SEE NOTE 6)	PLUG
-S: SINGLE	PT-1-24-01-48	TP-24
-D: DOUBLE	PT-1-24-04-44	TP-03
-53-D-SM: DOUBLE	PT-1-24-03-15	TP-03
-01-D-SM: DOUBLE	PT-1-24-05-44	TP-03
ALL-59, ALL-P	PT-1-24-05-44	TP-03

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