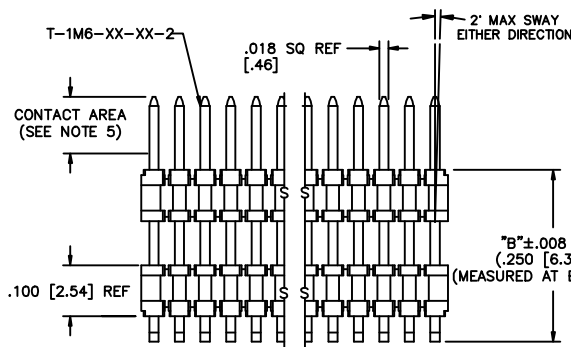
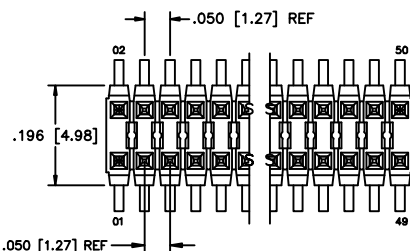
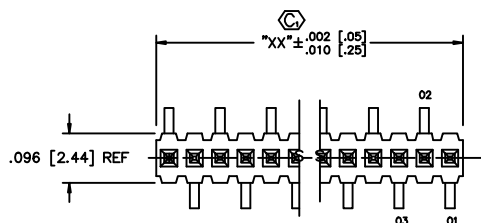




PATENT NUMBERS
5713755 / 5961339

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 -L, -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.

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC INC. AND SHALL NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN CONSENT OF SAMTEC INC.

DIMENSIONS ARE IN INCHES		UNLESS OTHERWISE NOTED	TOLERANCES ARE:	ANGLES	TITLE:	DWG NO:
ONE PLACE DECIMALS ±.1 [2.54]		THREE PLACE DECIMALS ±.005 [0.13]	± 2°		BOARD SPACING SURFACE MOUNT MICRO STRIPS	HDWM-XX-XX-XX-X-XXX-SM-XXX
TWO PLACE DECIMALS ±.01 [0.25]		FOUR PLACE DECIMALS ±.0020 [0.05]				SHEET 1 OF 3

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

BODY LENGTH SPEC
EXPRESSED IN # POS PER ROW
"XX" = No. OF POS x .050

LEAD STYLE
SEE TABLE 1

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 [8.64]	.705 [17.91]	
-56	T-1M6-15-XX-2	.505 [12.83]	.355 [9.02]	.755 [19.18]	
-57	T-1M6-15-XX-2	.530 [13.48]	.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 [11.81]	.825 [20.96]	

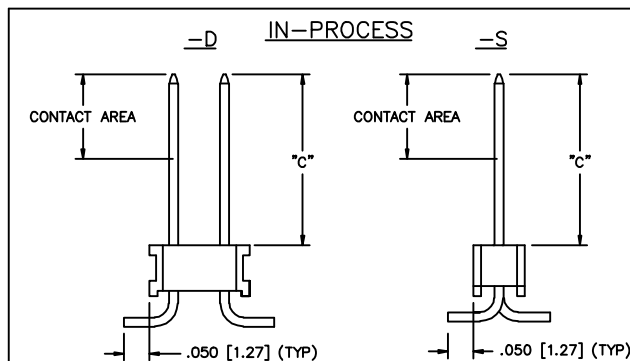
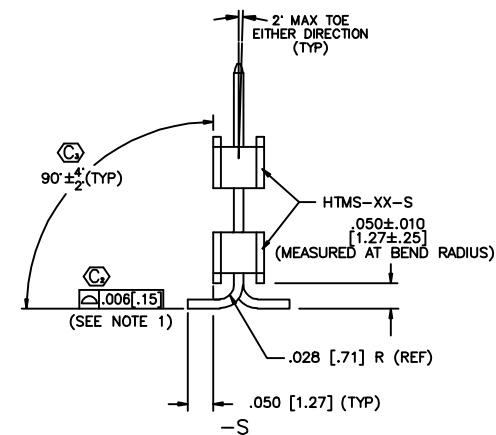
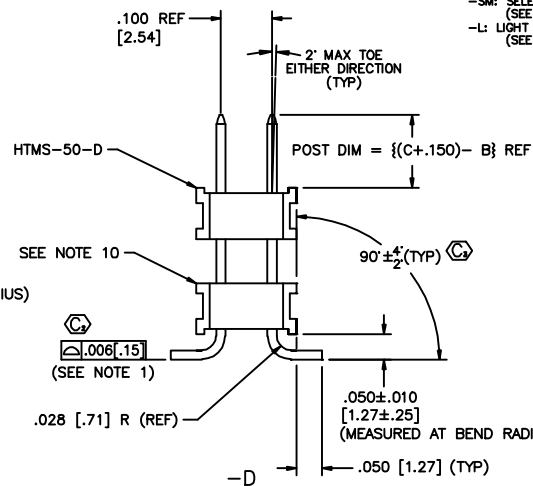
OPTION
-POLARIZING SPECIFICATION
XXX INDICATES POSITION TO BE OMITTED
-A: STAKED ALIGNMENT PIN (SEE SHT 2, FIG 2)
(6 POS MIN, BODY SPEC -D ONLY, USE SM-ABH)
-LC: STAKED LOCKING CLIP (SEE SHT 2, FIG 3)
(5 POS MIN, BODY SPEC -D ONLY, USE LC-05-TM)
-P: PICK & PLACE PAD (SEE SHT. 2, FIG. 4)
(FOR SINGLE ROW, 9 POSITION MINIMUM REQUIRED)
(.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 MATTE TIN TAIL, SPECIFY -S IN TERMINAL SUFFIX -XX (SEE NOTE 5)
- TM: MATTE TIN, SPECIFY -T IN TERMINAL SUFFIX -XX
- ONLY AVAILABLE IN LEAD STYLE -01
- SM: SELECTIVE GOLD, MATTE TIN TAIL, SPECIFY -S IN TERMINAL SUFFIX -XX (SEE NOTE 5)
- L: LIGHT SELECTIVE GOLD, MATTE TIN TAIL, SPECIFY -L IN TERMINAL SUFFIX -XX (SEE NOTE 5)



MATERIAL:
INSULATOR:
MATERIAL: VECTRA E1301
COLOR: BLACK
TERMINAL:
MATERIAL:
510 PHOSPHOR 3/4 HARD
BRONZE
TENSILE RANGE 98 - 115 KSI.

PLOT SCALE: 1"=15

EXP/PROD/ASSEMBLY/050

HDWMSMT

samtec

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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