

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

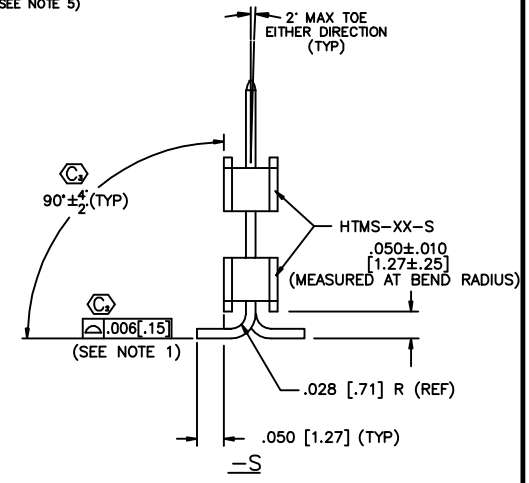
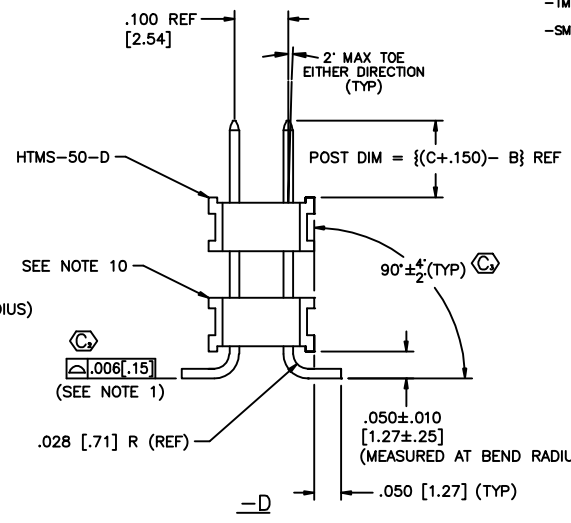
OPTION  
 -POLARIZING SPECIFICATION  
 XXX INDICATES POSITION TO BE OMITTED  
 -A: STAKED ALIGNMENT PIN (SEE SHT 2, FIG 2)  
 (6 POS MIN, BODY SPEC -D ONLY, USE SM-ABH)  
 -LC: STAKED LOCKING CLIP (SEE SHT 2, FIG 3)  
 (5 POS MIN, BODY SPEC -D ONLY, USE LC-05-TM)  
 -P: PICK & PLACE PAD (SEE SHT. 2,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

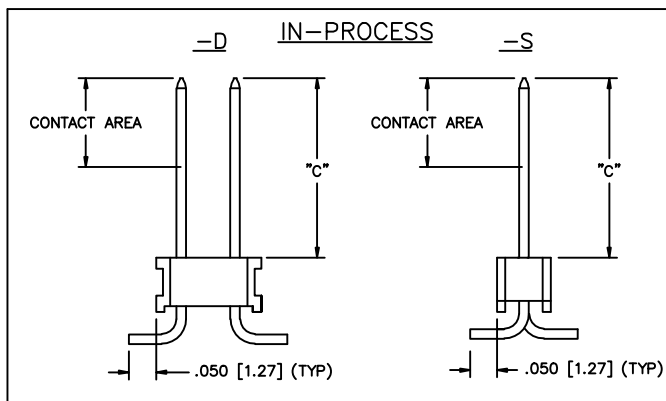
PLATING SPECIFICATION  
 -G: GOLD, SPECIFY -G IN TERMINAL SUFFIX -XX (SEE NOTE 5)  
 -T: TIN, SPECIFY -T IN TERMINAL SUFFIX -XX  
 ONLY AVAILABLE IN LEAD STYLE -01  
 -S: SELECTIVE GOLD, SPECIFY -S IN TERMINAL SUFFIX -XX (SEE NOTE 5)  
 -TM: MATTE TIN, SPECIFY -T IN TERMINAL SUFFIX -X  
 ONLY AVAILABLE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



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

PLAT SCALE: 1=15

EXISTPROD\ASSEMBLY\050 HDWMSMT

**samtec**

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MADE BY: BRYANT 7-9-92 HDWM-XX-XX-XX-X-XXX-SM-XXX  
 SHEET 1 OF 3