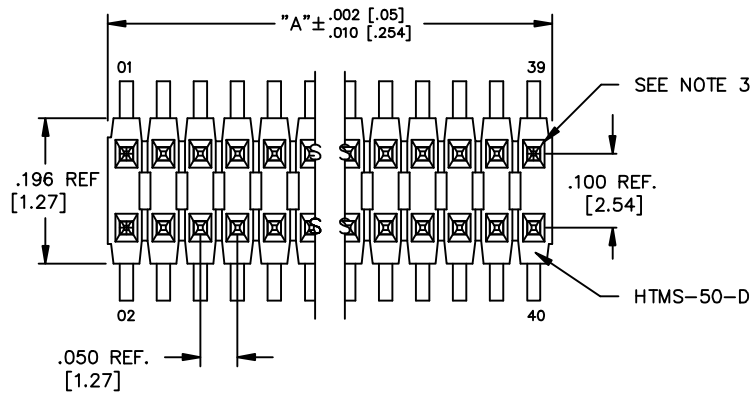


UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES TOLERANCES ARE:  
 ONE PLACE DECIMALS ± .1 [2.5] THREE PLACE DECIMALS ± .005 [.13]  
 TWO PLACE DECIMALS ± .01 [.25] FOUR PLACE DECIMALS ± .0020 [.051] ANGLES ± 2°

TITLE: HI-TEMP TERMINAL MICRO-STRIP (DOUBLE ROW)  
 DWG NO: HTMS-1XX-XX-X-D-SM-X-XXX  
 SHEET 1 OF 2

HTMS-1XX-XX-X-D-SM-X-XXX



**BODY LENGTH SPEC**  
 EXPRESSED IN # POS PER ROW (-02 THRU -40)  
 "A" = 'XX' x .050 [1.27]

**LEAD STYLE SPEC**  
 SEE TABLE 1

**PLATING SPECIFICATION**  
 -G: GOLD (USE T-1M6-XX-G-2)  
 -T: TIN (USE T-1M6-XX-T-2)  
 -S: SELECTIVE (USE T-1M6-XX-S-2)  
 -F: FLASH SELECTIVE GOLD (USE T-1M6-XX-F-2) (LEAD STYLE SPEC STYLE -01, -51, AND -52)

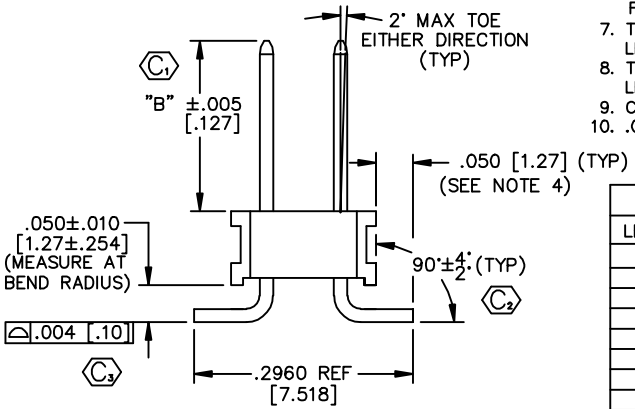
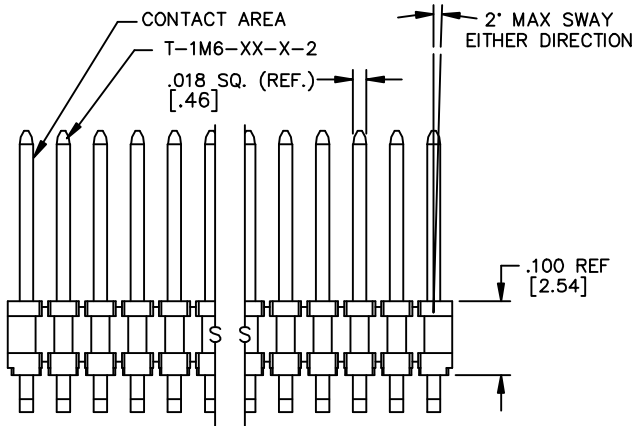
**BODY SPECIFICATION**  
 -D: DOUBLE (USE HTMS-50-D)

**OPTION**  
 -SM: SURFACE MOUNT

**OPTION**  
 -XXX: INDICATES POS. TO BE OMITTED (POLARIZING SPECIFICATION)  
 -A: ALIGNMENT PIN STAKED (6 POS MIN) OR MOLDED (5 POS MN) (SEE SHT 2 FIG 2 & 5) (SAMTEC'S DISCRETION)  
 -LC: STAKED LOCKING CLIP (SEE SHT 2 FIG 4) (MIN 5 POS) (USE LC-05-X)  
 -TR: TAPE & REEL

**OPTION**  
 -P: PICK & PLACE PAD (USE PPP-22) (SEE SHT 2 FIG 3) (5 POS MIN)

Do not scale from this print



- NOTES:
- MAX ALLOWABLE BOW: .005 [.13] INCH/INCH.
  - TERMINAL PUSHOUT FORCE: 2 lbs. MIN.
  - MAX PIN ROTATION IN BODY: 2°.
  - SHEAR TAIL TO DIMENSION GIVEN.
  - FIRST POSITION TO POINT UPWARD ON TOP VIEW AS SHOWN.
  - △ REPRESENTS A CRITICAL DIMENSION FOR STATISTICAL PROCESS CONTROL USE.
  - TUBE POSITIONS -05 THRU -50 ONLY FOR THIS LEAD STYLE.
  - TUBE POSITIONS -07 THRU -50 ONLY FOR THIS LEAD STYLE.
  - CUT FLASH: .010 [.25] MAX
  - .003 [.08] MAX BURR

LEAD STYLE	PACKAGING TUBE	PLUG
-01, -02, -03, -51, -52, -01-P, -02-P, -03-P, -51-P, -52-P	PT-1-24-02-44	TP-03
-53, -54	PT-1-24-01-29 (SEE NOTE 7)	TP-03
-55, -56	PT-1-24-09-29 (SEE NOTE 7)	TP-03
-57	PT-1-24-02-46 (SEE NOTE 7)	TP-03
-53-P	PT-1-24-03-44 (SEE NOTE 8)	TP-03
-54-P, -55-P, -56-P, -57-P	PT-1-24-01-44 (SEE NOTE 8)	TP-07

LENGTH	"L"	LENGTH	"L"
-01	.440 [11.18]	-16	.825 [20.96]
-02	.410 [10.41]	-17	.320 [8.13]
-03	.610 [15.49]	-18	.450 [11.43]
-04	.505 [12.83]	-19	.650 [16.51]
-05	.705 [17.91]	-21	.505 [12.83]
-12	.425 [10.80]	-25	.330 [8.38]
-13	.625 [15.88]	-26	.373 [9.47]
-14	.555 [14.10]	-27	.398 [10.11]
-15	.755 [19.18]	-28	1.050 [26.67]

LEAD STYLE	TERMINAL SPEC.	'B'
-01	T-1M6-13-X-2	.230 [5.84]
-02	T-1M6-04-X-2	.100 [2.54]
-03	T-1M6-04-X-2	.125 [3.18]
-21	N/A	.230 [5.84]
-51	T-1M6-13-X-2	.190 [4.83]
-52	T-1M6-13-X-2	.205 [5.21]
-53	T-1M6-05-X-2	.285 [7.24]
-54	T-1M6-15-X-2	.335 [8.51]
-55	T-1M6-16-X-2	.390 [9.91]
-56	T-1M6-16-X-2	.405 [10.29]
-57	T-1M6-16-X-2	.430 [10.92]
-58	N/A	.485 [12.32]
-59	N/A	.535 [13.59]
-60	N/A	.605 [15.37]

**PROPRIETARY NOTE**  
 THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC INC. AND SHALL NOT BE REPRODUCED OR TRANSMITTED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC INC.

EXISPROD\ASSEMBLY\050 HTMSDSMK

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

MADE BY: GREG REIDINGER 2-12-92  
 PLOT SCALE 1=1.1333

HTMS-1XX-XX-X-D-SM-X-XXX  
 SHEET 1 OF 2

\* REF FOR PIN LENGTH