

REVISION Y

NOTES:

1. © REPRESENTS A CRITICAL DIMENSION.
2. -F, -FM, -S, -SM, -L, -LM: GOLD TO BE ON LONGER TAIL;
-G, -H: THICKER GOLD TO BE ON LONGER TAIL.
3. MAXIMUM HEIGHT VARIATION: .010[0.25]
4. MAXIMUM ALLOWABLE BOW: .005[0.13] IN/IN AFTER ASSEMBLY.
5. MAXIMUM PIN ROTATION IN BODY: 2°
6. MINIMUM PUSHOUT FORCE: 2 LB.
7. PARTS ARE CUT TO SIZE.
8. MAXIMUM CUT FLASH: .005[0.13]
9. FOR ADDED MECHANICAL STABILITY, SAMTEC RECOMMENDS MECHANICAL BOARD SPACERS BE USED IN APPLICATIONS WITH GOLD OR SELECTIVE GOLD PLATED CONNECTORS. CONTACT IPG@SAMTEC.COM FOR MORE INFORMATION.

DO NOT
SCALE FROM
THIS PRINT

TABLE 1			
LEAD STYLE	TERMINAL	"L" - OVERALL LENGTH REF	SPACE OPTION MAX
-07	T-1S6-07-X-2	.430 [10.92]	.375 [9.53]
-08	T-1S6-08-X-2	.530 [13.46]	.475 [12.07]
-09	T-1S6-09-X-2	.730 [18.54]	.675 [17.15]
-10	T-1S6-10-X-2	.830 [21.08]	.775 [19.69]
-11	T-1S6-11-X-2	.930 [23.62]	.875 [22.23]
-12	T-1S6-12-X-2	1.030 [26.16]	.975 [24.77]
-13	T-1S6-13-X-2	1.230 [31.24]	1.175 [29.85]
-14	T-1S6-14-X-2	1.430 [36.32]	1.375 [34.93]
-15	T-1S6-15-X-2	.630 [16.00]	.575 [14.61]
-16	T-1S6-16-X-2	.445 [11.30]	.390 [9.91]
-17	T-1S6-17-X-2	.480 [12.19]	.425 [10.80]
-19	T-1S6-19-X-2	1.330 [33.78]	1.275 [32.39]
-20	T-1S6-20-X-2	1.130 [28.70]	1.075 [27.31]

PLATING SPECIFICATION

- (SEE NOTE 2)
- G: 10μ" SELECTIVE GOLD IN CONTACT AREA, 3μ" SELECTIVE GOLD ON TAIL.
 - T: MATTE TIN ON CONTACT AND TAIL.
 - S: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
 - H: 30μ" SELECTIVE GOLD IN CONTACT AREA, 3μ" SELECTIVE GOLD ON TAIL.
 - L: 10μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
 - F: 3μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
 - TL: 150μ" - 300μ" TIN/LEAD ON CONTACT AND TAIL.
 - TM: MATTE TIN ON CONTACT AND TAIL.
 - SM: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
 - LM: 10μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
 - FM: 3μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.

No OF POSITIONS
EXPRESSED IN # OF POS
(-01 THRU -50)

LEAD STYLE
(SEE TABLE 1)

OPTION
POLARIZATION

OPTION

-LL: LOCKING LEAD (SEE FIG 2)
AVAIL ON .090[2.29] -
.310[7.87] TAILS ONLY
(N/A IN SINGLE ROW,
1 & 2 POS)

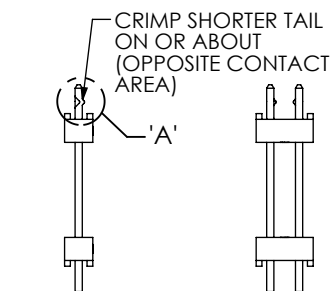
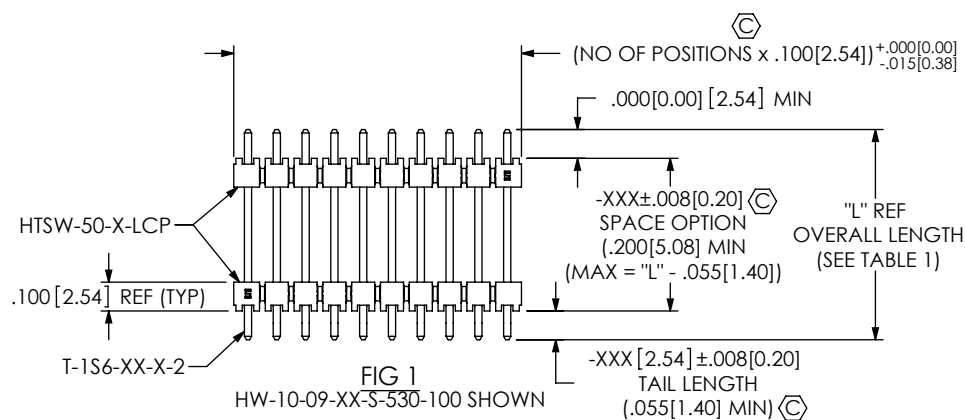
TAIL LENGTH
(.055[1.40] MIN)

SPACE OPTION

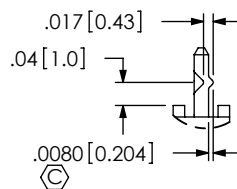
(.200[5.08] MIN)
MAX = "L" - .055[1.40]

ROW OPTION

-S: SINGLE (USE BODY HTSW-50-S-LCP)
-D: DOUBLE (USE BODY HTSW-50-D-LCP)
-T: TRIPLE (USE BODY HTSW-50-T-LCP)
-Q: DOUBLE ROW, .200 ROW SPACE
(USE BODY HTSW-50-T-LCP)



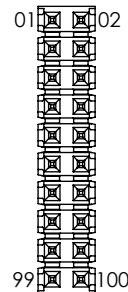
ROW OPTION -S: SINGLE
ROW OPTION -D: DOUBLE
ROW OPTION -T: TRIPLE
ROW OPTION -Q: DOUBLE ROW



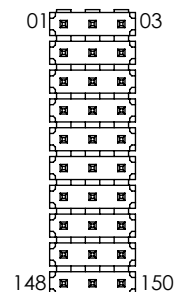
DETAIL 'A'
SCALE 3:1



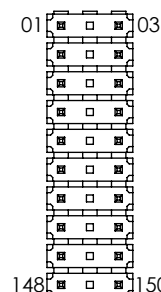
ROW OPTION
-S: SINGLE



ROW OPTION
-D: DOUBLE



ROW OPTION
-T: TRIPLE



ROW OPTION
-Q: DOUBLE ROW

2° MAX SWAY
(EITHER DIRECTION)

.100[2.54] REF (TYP)

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS

.XX: ±.01 [0.3]

.XXX: ±.005 [0.13]

.XXXX: ±.0020 [0.051]

ANGLES

2°

PROPRIETARY NOTE

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MATERIAL:

DO NOT SCALE DRAWING

SHEET SCALE: 3:2

INSULATOR: LCP, UL 94 VO, COLOR: NATURAL
TERMINAL: PHOS BRONZE

DESCRIPTION:

.100[2.54] HIGH TEMP
TERMINAL BODY (BOARD STACKING)

DWG. NO.

HW-XX-XX-XX-X-XXX-XXX-XX-XXX

BY: REIDINGER 08/27/1991

SHEET 1 OF 1

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Samtec:](#)

[HW-03-10-L-D-400-280](#) [HW-03-11-G-D-620-090](#) [HW-05-14-F-S-990-100](#) [HW-01-07-G-D-240-095](#) [HW-06-15-L-D-240-100](#) [HW-05-11-G-D-400-430](#) [HW-06-11-L-D-600-140](#) [HW-20-09-L-D-370-110](#) [HW-06-20-G-D-656-237](#) [HW-13-15-S-D-300-093](#) [HW-11-12-S-D-520-152](#) [HW-03-11-S-D-375-110](#) [HW-10-19-L-D-985-120](#) [HW-06-10-G-D-250-300](#) [HW-13-20-L-D-830-100](#) [HW-05-14-S-S-917-118](#) [HW-04-09-F-D-315-100](#) [HW-02-08-F-S-210-110](#) [HW-10-11-F-D-570-110](#) [HW-05-14-F-D-1003-177](#) [HW-03-20-G-D-630-110](#) [HW-03-07-T-S-230-100-LL](#) [HW-07-20-L-D-840-150](#) [HW-32-09-L-D-343-179](#) [HW-02-09-L-D-350-130](#) [HW-02-13-G-D-870-110](#) [HW-15-09-G-D-440-104](#) [HW-25-15-G-D-315-090](#) [HW-02-13-L-D-690-110](#) [HW-06-13-G-D-870-110](#) [HW-07-13-S-D-602-126](#) [HW-06-12-G-D-590-110](#) [HW-07-13-L-D-602-126](#) [HW-02-12-F-D-400-110](#) [HW-02-11-T-D-655-165-LL](#) [HW-04-12-G-D-590-055](#) [HW-10-14-F-D-900-130](#) [HW-06-12-G-D-590-055](#) [HW-06-10-F-D-330-095](#) [HW-04-13-L-S-400-580](#) [HW-04-12-G-D-590-110](#) [HW-16-19-L-S-610-110](#) [HW-01-08-T-S-290-121](#) [HW-10-09-L-D-355-100](#) [HW-05-08-T-S-290-121](#) [HW-03-09-G-D-340-195](#) [HW-05-13-S-S-860-135](#) [HW-02-15-T-S-293-118](#) [HW-05-14-T-D-1115-157](#) [HW-15-20-L-D-400-110](#) [HW-20-11-G-D-464-118](#) [HW-05-13-L-D-750-142](#) [HW-04-12-T-S-711-115](#) [HW-03-11-L-S-570-110](#) [HW-02-11-L-S-570-110](#) [HW-10-20-L-D-754-160](#) [HW-20-11-L-D-464-118](#) [HW-13-11-L-D-500-110](#) [HW-10-19-L-D-787-160](#) [HW-20-11-T-S-570-200](#) [HW-23-11-L-D-700-230](#) [HW-01-12-T-S-711-115](#) [HW-26-14-G-D-200-636](#)