REVISION AS

NOTES:
1. Ⓒ REPRESENTS A CRITICAL DIMENSION FOR STATISTICAL PROCESS CONTROL.
2. MINIMUM TERMINAL PUSHOUT FORCE: 3 LBS
3. MAXIMUM HEIGHT VARIATION BETWEEN ANY TWO ROWS: .005[0.13] (RA TAIL N/A)
4. ASSEMBLE GOLD PLATE END AS SHOWN.
5. TOW & SWAY SPEC. OF 2° APPLIES TO ALL POSITIONS, POST & TAIL, IN ALL DIRECTIONS.
6. NOTE DELETED.
7. MAXIMUM CUT FLASH: .010 [0.25]
8. NOTE DELETED.

HMTSW-XXX-XX-XXX-X-XXXX-XX-XX

TERMINAL SPACE SPEC.
-1 = .100 [2.54] (FILL EVERY POS)
-2 = .200 [5.08] (FILL E/O POS STARTING W/ 1ST & ENDING W/ LAST POS IN BODY

BODY LENGTH SPEC
EXPRESSED IN No OF POS
-1: 01 THRU -50 (-S,-D,-T,-T-RA)
   01 THRU -50 (-S-RE,-S-RA,-D-RA)
   "A" = NO OF POS x .100[2.54]
-2: -02 THRU -25 (-S,-D,-T,-T-RA)
   -02 THRU -25 (-S-RE,-S-RA,-D-RA)
   "A" = (NO OF POS x .200 [5.08])-.100 [2.54]

TERMINAL SPECIFICATION
(SEE TABLE 1, SHT 3)

PLATING SPECIFICATION
-G: 10µ" GOLD IN CONTACT AREA, 3µ" GOLD ON TAIL
-T: MATTE TIN ON CONTACT AND TAIL
-S: 30µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-H: 30µ" GOLD IN CONTACT AREA, 3µ" 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.
-E: 50µ" GOLD IN CONTACT AREA, 3µ" GOLD ON TAIL (ONLY AVAILABLE ON TERMINAL SPECIFICATONS -07, -08, -09, -13, -14) (NOT AVAILABLE ON -RA, -RE, -NA, -NE, -LA)
-TL: TIN/LEAD (90/10±5%) CONTACT AND TAIL (ONLY AVAILABLE ON LEAD STYLES -07, -08, & -09)
-TM: MATTE TIN 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
-STL: 30µ" SELECTIVE GOLD IN CONTACT AREA, TIN LEAD (90/10±5%) TAIL
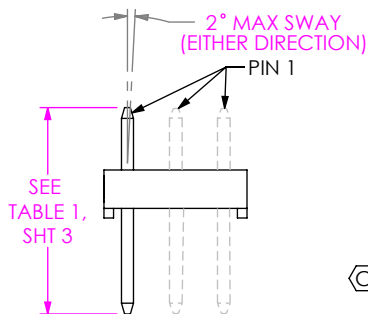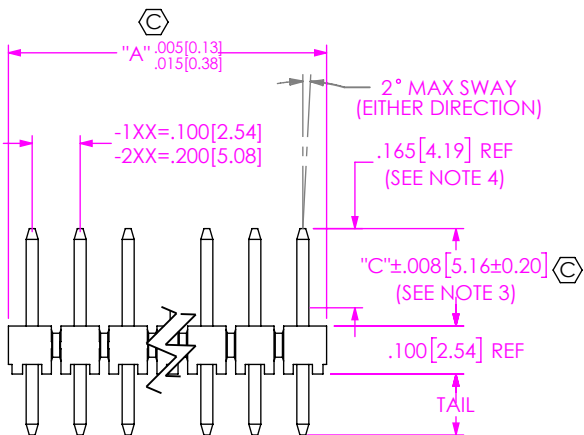
OPTION #2
-POLARIZATION SPEC
XXX INDICATES POSITION TO BE OMITTED
(SEE FIG 2, SHT 2)

OPTION #1
- BLANK: STRAIGHT
-RA: RIGHT ANGLE (SEE TABLE 3, SHT 3 & FIG 3, SHT 2)(-RA OPTION WITH -LL OPTION EQUALS TO -LA OPTION)
-RE: EXTENDED RIGHT ANGLE (SEE TABLE 3, SHT 3 & FIG 3, SHT 2) (SINGLE ROW ONLY) (-07,-23,-24 N/A)
-NA: RA OPTIONS WITH STRAIGHT OPTION BODY(-NA OPTION WITH -LL OPTION IS VALID)
-NE: RE OPTION WITH STRAIGHT OPTION BODY
-LL: LOCKING LEAD (SEE FIG 1) (N/A WITH -RE OPTION OR SINGLE ROW 1 OR 2 POSITION) (TAILS FROM .090 [2.29] TO .400 [10.16] ONLY) (N/A IN SINGLE ROW, 1 & 2 POSITIONS)
-LA: -RA OPTION WITH-LL OPTION (SEE FIG 2 & 3) (N/A WITH OR SINGLE ROW, 1 & 2 POSITION) (TAILS FROM .090 [2.29] TO .310 [7.87] ONLY POST = .530 [13.46] MAX
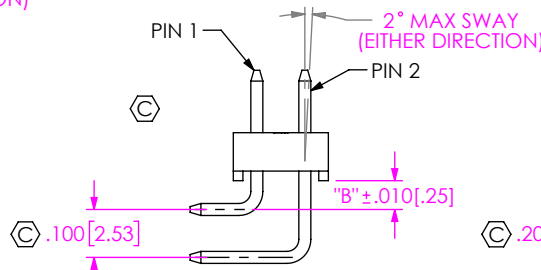
POST HEIGHT
XXXX = "C" (SEE TABLE 4, SHT 3)
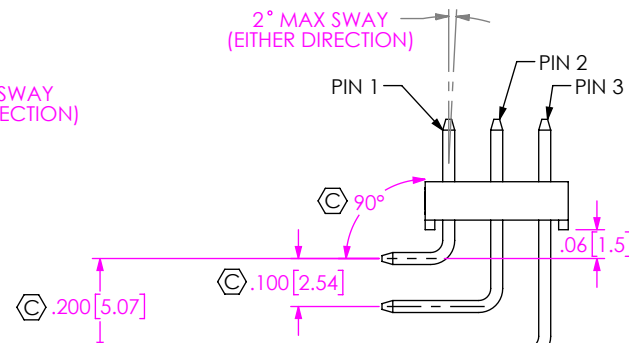
ROW SPECIFICATION (SEE TABLE 2)
-S: SINGLE
-D: DOUBLE
-T: TRIPLE
-Q: TRIPLE TOW (FILL OUTER TWO ROWS)

Ⓒ "A" +.005[0.13] / -.015[0.38]

-1XX=.100[2.54]
-2XX=.200[5.08]

2° MAX SWAY (EITHER DIRECTION)

.165[4.19] REF (SEE NOTE 4)

"C"±.008[5.16±0.20] Ⓒ (SEE NOTE 3)

.100[2.54] REF

TAIL

STRAIGHT

2° MAX SWAY (EITHER DIRECTION)
PIN 1
SEE TABLE 1, SHT 3

SINGLE -RA/-RE
DOUBLE -RA

PIN 1
2° MAX SWAY (EITHER DIRECTION)
PIN 2
Ⓒ
Ⓒ .100 [2.53]
"B" ±.010[.25]

TRIPLE -RA

2° MAX SWAY (EITHER DIRECTION)
PIN 1 PIN 2 PIN 3
Ⓒ 90°
.06[1.5]
Ⓒ .100[2.54]
Ⓒ .200[5.07]

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DO NOT SCALE DRAWING   SHEET SCALE: 2.5:1

MATERIAL:
LCP, UL 94 VO, COLOR: NATURAL

DESCRIPTION:
.025 SQ POST HI-TEMP TERMINAL STRIP

DWG. NO.
HMTSW-XXX-XX-XXX-X-XXXX-XX-XX

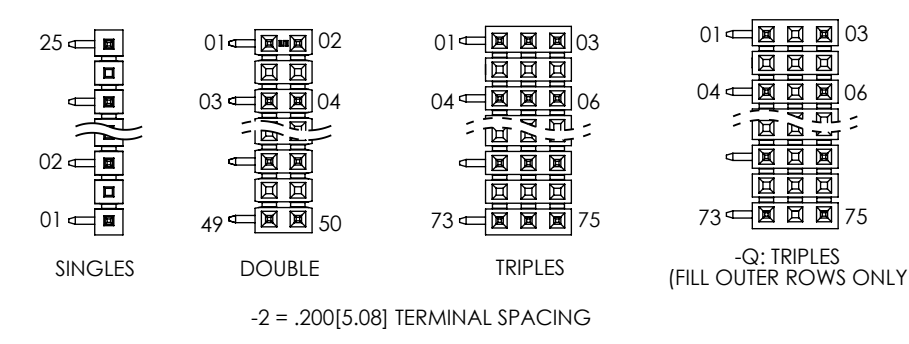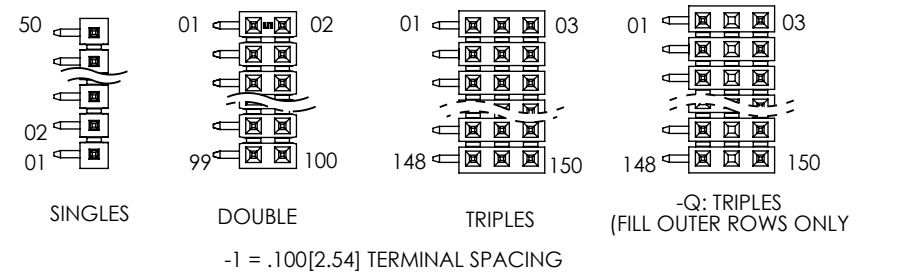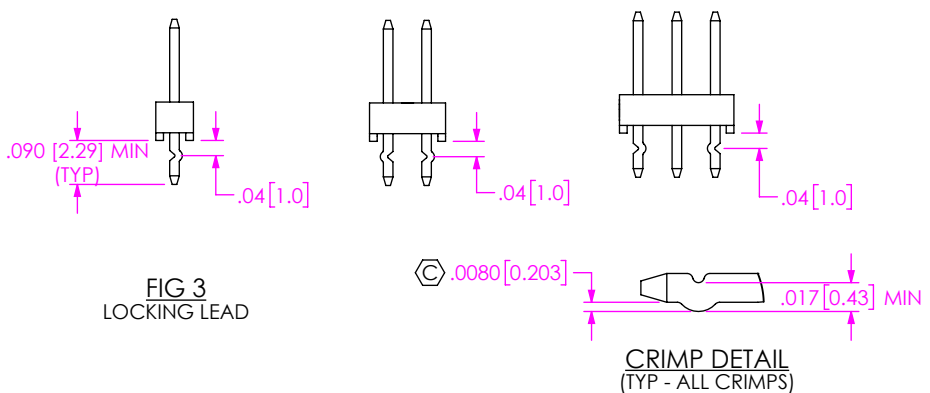BY: JORDAN   03/25/1987   SHEET 1 OF 3

REVISION AS

.04[1.0]

.090[2.29] MIN
(TYP)

SEE CRIMP DETAIL

SINGLE -RA/-RE
(SHOWN WITH -LA OPTION)

.04[1.0]

DOUBLE -RA
(SHOWN WITH -LA OPTION)

.04[1.0]

TRIPLE -RA
(SHOWN WITH -LA OPTION)

.090 [2.29] MIN
(TYP)

.04[1.0]

.04[1.0]

.04[1.0]

FIG 3
LOCKING LEAD

Ⓒ .0080[0.203]

.017[0.43] MIN

CRIMP DETAIL
(TYP - ALL CRIMPS)

50 · 02 · 01
SINGLES

01 · 02 · 99 · 100
DOUBLE

01 · 03 · 148 · 150
TRIPLES

01 · 03 · 148 · 150
-Q: TRIPLES
(FILL OUTER ROWS ONLY

-1 = .100[2.54] TERMINAL SPACING

25 · 02 · 01
SINGLES

01 · 02 · 03 · 04 · 49 · 50
DOUBLE

01 · 03 · 04 · 06 · 73 · 75
TRIPLES

01 · 03 · 04 · 06 · 73 · 75
-Q: TRIPLES
(FILL OUTER ROWS ONLY

-2 = .200[5.08] TERMINAL SPACING

FIG 2
POLARIZATION
(STRAIGHT & RA VERSIONS)
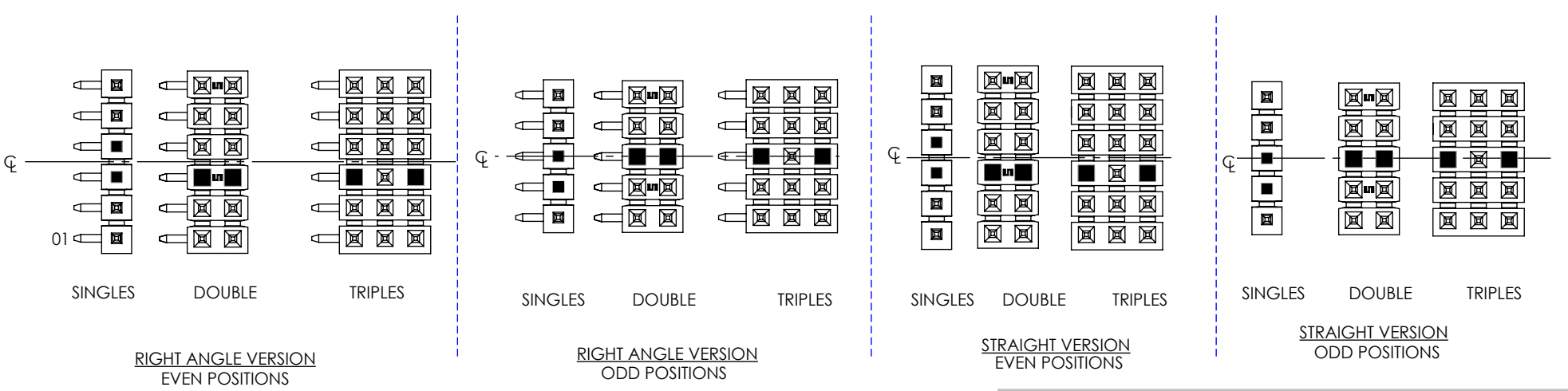
01

SINGLES   DOUBLE   TRIPLES

RIGHT ANGLE VERSION
EVEN POSITIONS

SINGLES   DOUBLE   TRIPLES

RIGHT ANGLE VERSION
ODD POSITIONS

SINGLES   DOUBLE   TRIPLES

STRAIGHT VERSION
EVEN POSITIONS

SINGLES   DOUBLE   TRIPLES

STRAIGHT VERSION
ODD POSITIONS

FIG 1
LOCKING LEAD

■ = CRIMP LOCATION

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DESCRIPTION:
.025 SQ POST HI-TEMP TERMINAL STRIP

DWG. NO.
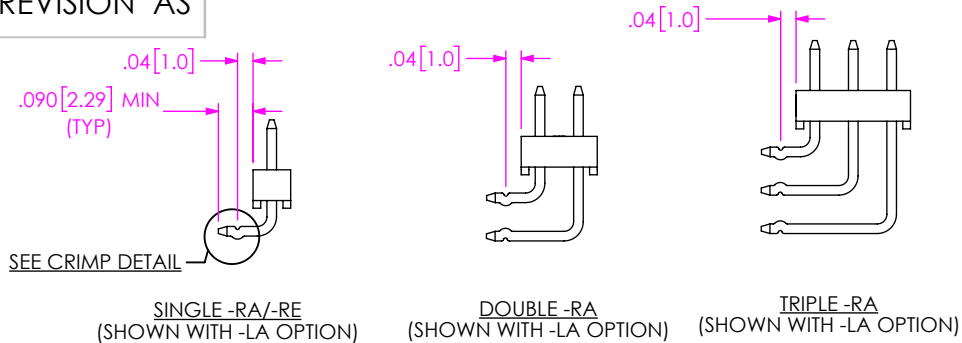HMTSW-XXX-XX-XXX-X-XXXX-XX-XX

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REVISION AS

TABLE 1
TERMINAL SPECIFICATIONS

TERMINAL	PIN 1	PIN 1 OAL	PIN 2	PIN 2 OAL	PIN 3	PIN 3 OAL
-05	T-1S6-21-XX-2	.335 [8.51]	N/A	N/A	N/A	N/A
-06	T-1S6-18-XX-2	.300 [7.62]	N/A	N/A	N/A	N/A
-07	T-1S6-07-XX-2	.430 [10.92]	T-1S6-15-XX-2	.630 [16.00]	T-1S6-10-XX-2	.830 [21.08]
-08	T-1S6-08-XX-2	.530 [13.46]	T-1S6-09-XX-2	.730 [18.54]	T-1S6-11-XX-2	.930 [23.62]
-09	T-1S6-09-XX-2	.730 [18.54]	T-1S6-11-XX-2	.930 [23.62]	T-1S6-20-XX-2	1.130 [28.70]
-10	T-1S6-10-XX-2	.830 [21.08]	T-1S6-12-XX-2	1.030 [26.16]	T-1S6-13-XX-2	1.230 [31.24]
-11	T-1S6-11-XX-2	.930 [23.62]	T-1S6-20-XX-2	1.130 [28.70]	T-1S6-19-XX-2	1.330 [33.78]
-12	T-1S6-12-XX-2	1.030 [26.16]	T-1S6-13-XX-2	1.230 [31.24]	T-1S6-14-XX-2	1.430 [36.23]
-13	T-1S6-13-XX-2	1.230 [31.24]	T-1S6-14-XX-2	1.430 [36.23]	N/A	N/A
-21	T-1S6-14-XX-2	1.430 [36.23]	N/A	N/A	N/A	N/A
-22	T-1S6-15-XX-2	.630 [16.00]	T-1S6-10-XX-2	.830 [21.08]	T-1S6-12-XX-2	1.030 [26.16]
-23	T-1S6-16-XX-2	.445 [11.30]	N/A	N/A	N/A	N/A
-24	T-1S6-17-XX-2	.480 [12.19]	N/A	N/A	N/A	N/A
-27	T-1S6-19-XX-2	1.330 [33.78]	N/A	1.330 [33.78]	N/A	N/A
-28	T-1S6-20-XX-2	1.130 [28.70]	T-1S6-19-XX-2	N/A	N/A	N/A

TABLE 2
BODY SPECIFICATION

ROW / OPTION	USE BODY
-S/-S-NA/-S-NE	HTSW-50-S-LCP
-S-RA/-S-RE	HTSW-50-S-RA-LCP
-D/-D-NA/-D-NE	HTSW-50-D-LCP
-D-RA	HTSW-50-D-RA-LCP
-T/-T-NA/-T-NE	HTSW-50-T-LCP
-T-RA	HTSW-50-D-TRA-LCP
-Q	HTSW-50-T-LCP

TABLE 3

-XX	"B"
-RA	.060 [1.52]
-RE	.160 [4.06]

TABLE 4

FOR TAIL = .000 (.090 [2.29] MIN FOR -RA & -RE)
(.110 [2.79] MIN FOR -NA &-NE)

LEAD STYLE	C MAXIMUM STRAIGHT	C MAXIMUM W / RA	C MAXIMUM W / RE
-05	.235 [5.97]	N/A	N/A
-06	.200 [5.08]	N/A	N/A
-07	.330 [8.38]	.130 [3.30]	N/A
-08	.430 [10.92]	.230 [5.84]	.130 [3.30]
-09	.630 [16.00]	.430 [10.92]	330 [8.38]
-10	.730 [18.54]	.530 [13.46]	.430 [10.92]
-11	.830 [21.08]	.630 [16.00]	.530 [13.46]
-12	.930 [23.62]	.730 [18.54]	.630 [16.00]
-13	1.130 [28.70]	.930 [23.62]	.830 [21.08]
-21	1.330 [33.78]	1.130 [28.70]	1.030 [26.16]
-22	.530 [13.46]	.330 [8.38]	.230 [5.84]
-23	.345 [8.76]	.145 [3.68]	N/A
-24	.380 [9.65]	.180 [4.57]	N/A
-27	1.230 [31.24]	1.030 [26.16]	.930 [23.62]
-28	1.030 [26.16]	.830 [21.08]	.730 [18.54]

TABLE 5

No OF POS	LEAD STYLE	LENGTH	TAIL	TUBE	PLUG
5	-08	.120 [3.05]	-RA	PT-1-24-01-66	TP-24
5	-08	.195 [4.95]		PT-1-24-01-24	TP-24
6	-08	.120 [3.05]	-RA	PT-1-24-01-66	TP-24
13	-11	.480 [12.19]		PT-1-24-02-47	TP-36

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1

DESCRIPTION:
.025 SQ POST HI-TEMP TERMINAL STRIP

DWG. NO.
HMTSW-XXX-XX-XXX-X-XXXX-XX-XX

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