DO NOT
SCALE FROM
THIS PRINT

MTSW-XXX-XX-X-X-XXXX-XX-XXX

TABLE 1
TERMINAL SPECIFICATIONS

TERMINAL SPEC	PIN #1	PIN #2	PIN #3
-05	T-1S6-21-X-2	N/A	N/A
-06	T-1S6-18-X-2	N/A	N/A
-07	T-1S6-07-X-2	T-1S6-15-X-2	T-1S6-10-X-2
-08	T-1S6-08-X-2	T-1S6-09-X-2	T-1S6-11-X-2
-09	T-1S6-09-X-2	T-1S6-11-X-2	T-1S6-20-X-2
-10	T-1S6-10-X-2	T-1S6-12-X-2	T-1S6-13-X-2
-11	T-1S6-11-X-2	T-1S6-20-X-2	T-1S6-19-X-2
-12	T-1S6-12-X-2	T-1S6-13-X-2	T-1S6-14-X-2
-13	T-1S6-13-X-2	T-1S6-14-X-2	N/A
-21	T-1S6-14-X-2	N/A	N/A
-22	T-1S6-15-X-2	T-1S6-10-X-2	T-1S6-12-X-2
-23	T-1S6-16-X-2	N/A	N/A
-24	T-1S6-17-X-2	N/A	N/A
-27	T-1S6-19-X-2	N/A	N/A
-28	T-1S6-20-X-2	T-1S6-19-X-2	N/A

TABLE 5
(SEE NOTE 11)

LENGTH	"L"
-07	.430 [10.92]
-08	.530 [13.46]
-09	.730 [18.54]
-10	.830 [21.08]
-11	.930 [23.62]
-12	1.030 [26.16]
-13	1.230 [31.24]
-14	1.430 [36.32]
-15	.630 [16.00]
-16	.445 [11.30]
-17	.480 [12.19]
-18	.300 [7.62]
-19	1.330 [33.78]
-20	1.130 [28.70]
-21	.335 [8.51]

TERMINAL SPACE SPEC.
(SEE ASSEMBLY INSTR.)
-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 # OF POS
-1 = 01 THRU -50 (-S, -D, -T)
   "A"= NO OF POS x .100[2.54]
-2 = 02 THRU -25 (-S, -D, -T)
   "A"= (NO OF POS x .200[5.08]) - .100[2.54]

TERMINAL SPECIFICATION
(SEE TABLE 1)

PLATING SPECIFICATION
-G: 10µ" GOLD CONTACT, 3µ" GOLD TAIL
-T: MATTE TIN CONTACT AND TAIL
-S: 30µ" SELECTIVE GOLD IN CONTACT
   AREA, MATTE TIN ON TAIL
-L: 10µ" SELECTIVE GOLD IN CONTACT
   AREA, MATTE TIN ON TAIL
-E: 50µ" HEAVY GOLD ON CONTACT
   AREA, 3µ" GOLD ON TAIL
-H: 30µ" HEAVY GOLD CONTACT
   AREA, 3µ" GOLD ON TAIL
-F: 3µ" FLASH SELECTIVE GOLD CONTACT,
   MATTE TIN TAIL
-STL: 30µ" GOLD SELECTIVE ON CONTACT
   TIN/LEAD (90/10+/-5%) TAIL
-TM: MATTE TIN CONTACT AND TAIL
-SM: 30µ" SELECTIVE GOLD CONTACT
   MATTE TIN TAIL
-LM: 10µ" LIGHT SELECTIVE GOLD CONTACT
   MATTE TIN TAIL
-FM: 3µ" GOLD FLASH SELECTIVE ON CONTACT
   MATTE TIN TAIL

OPTION #2
-POLARIZATION SPEC.
XXX INDICATES POS TO
BE OMITTED (SEE FIG 6, SHT 5)

OPTION #1
-BLANK = STRAIGHT
-RA = RIGHT ANGLE (SEE TABLE 3 & FIG 2, SHT 2)
   (-05 N/A)
-RE = EXTENDED RIGHT ANGLE (SEE TABLE 3
   & FIG 2, SHT 2) (SINGLE ROW ONLY)
   (-05, -07, -23 -24 N/A)
-NA = RA OPTION WITH STRAIGHT OPTION BODY
   (SEE TABLE 3 & FIG 3, SHT 2)
-NE = RE OPTION WITH STRAIGHT OPTION BODY
   (SEE TABLE 3 & FIG 3, SHT 2)
-LL = LOCKING LEAD (SEE FIG 4, SHT 3 & FIG 5, SHT 4)
   (N/A WITH -RE OPTION OR SINGLE ROW
   1 OR 2 POSITIONS)
   (TAILS FROM .090[2.29] TO .400[10.16] ONLY)
   (N/A IN SINGLE ROW, 1 OR 2 POSITIONS)
-LA = -RA OPTION WITH -LL OPTION (SEE FIG 4, SHT 3
   & FIG 5, SHT 4)
   (N/A IN SINGLE ROW 1 OR 2 POSITION)
   (TAILS FROM .090[2.29] TO .310[7.87] ONLY)
   (N/A IN SINGLE ROW, 1 OR 2 POSITIONS)
   POST = .530[13.46] MAX

POST HEIGHT
XXXX = "C" (SEE TABLE 4)

ROW SPECIFICATION (SEE TABLE 2)
-S: SINGLE
-D: DOUBLE
-T: TRIPLE
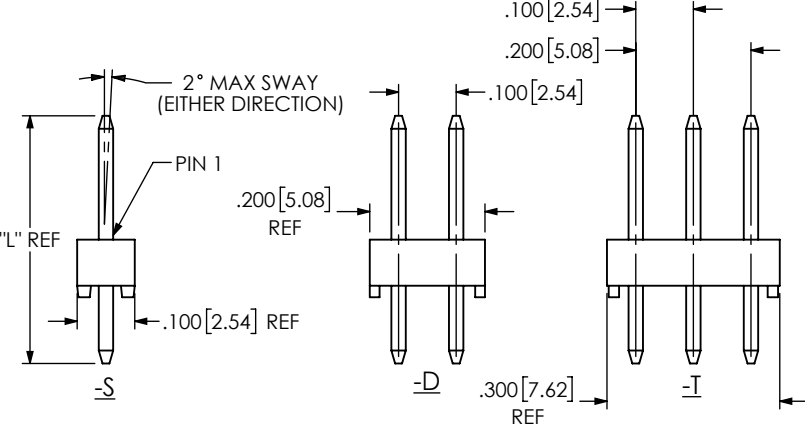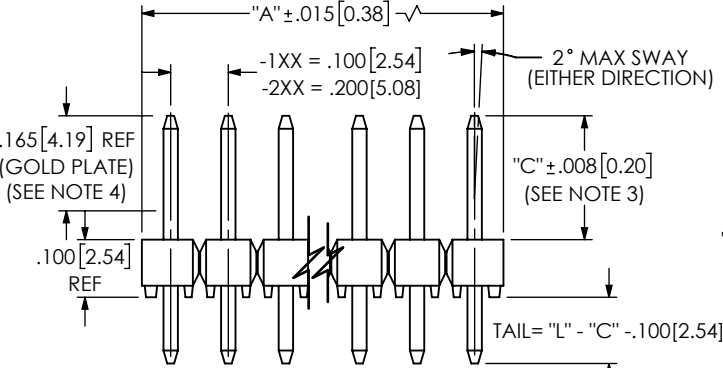-Q: TRIPLE ROW (FILL OUTER ROWS ONLY)

TABLE 2
BODY SPECIFICATION

ROW / OPTION	USE BODY
-S / -S-NA / -S-NE	TSW-50-S
-S-RA / -S-RE	TSW-50-S-RA
-D / -D-NA N/A / -D-NE	RTSW-50-D
-D-RA	TSW-50-D-RA
-T / -T-NA / -T-NE	TSW-50-T
-T-RA	TSW-50-T-RA
-Q	TSW-50-T

TABLE 4

	FOR -RX OPTION: TAIL = "L" - "C" - "B" -.15 REF		
	FOR -NX OPTION: TAIL = "L" - "C" - "B" -.13 REF		
	(CALCULATIONS APPLY TO FIRST ROW PIN LENGTHS ONLY)		
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]

"A" ±.015 [0.38]

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

2° MAX SWAY
(EITHER DIRECTION)

.165 [4.19] REF
(GOLD PLATE)
(SEE NOTE 4)

"C" ±.008 [0.20]
(SEE NOTE 3)

.100 [2.54] REF

TAIL= "L" - "C" -.100[2.54]

FIG 1
MTSW-XXX-XX-X-S-XXXX SHOWN

2° MAX SWAY
(EITHER DIRECTION)

PIN 1

"L" REF

.200 [5.08] REF

.100 [2.54] REF

-S

.100 [2.54]
.200 [5.08]
.100 [2.54]

.200 [5.08] REF

-D

.300 [7.62] REF

-T

NOTES:
1. Ⓒ REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM TERMINAL PUSHOUT FORCE: 3 LBS.
3. MAXIMUM HEIGHT VARIATION BETWEEN ANY TWO ROWS SHALL BE
   .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. -STL PLATING AVAILABLE IN LEAD STYLES -07 , -08 , -10 , -16 , -17 & -21.
   STRAIGHT THROUGH HOLE ONLY.
Ⓒ 7. ORIENTATE PINS TO REDUCE THE NUMBER OF BANDOLIER MARKS IN THE POST AREA.
   (SEE TABLE 6)
8. MAXIMUM CUT FLASH: .020[0.51].
9. TABLE 5 IS A REFERENCE FOR INDIVIDUAL PIN LENGTHS AS LISTED ON THE T-1S6
   COMPONENT PRINT AND NOT THE TERMINAL SPEC IN TABLE 1 OR IN THE PART CALLOUT.
10. MUST USE T-30193-13 (2 1/2" BLADES) TO CUT -T AND -Q PARTS.

MATERIAL: DO NOT SCALE DRAWING   SHEET SCALE: 3:1
BODY: GLASS FILLED POLYESTER, COLOR: BLACK
TERMINAL: PHOSPHER BRONZE

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e-Mail info@SAMTEC.com   code 55322

DESCRIPTION:
ASSEMBLY, .025[.64] SQ. POST TERMINAL STRIP

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

BY: PURVIS   02/17/1987   SHEET 1 OF 6

C:\EnterpriseVault\DWG\MISC\MKTG\MTSW-XXX-XX-X-X-XXXX-XX-XXX-MKT.SLDDRW

TABLE 3	
BODY SPECIFICATION	
-XX	"B"
-RA	.060 [1.52]
-RE	.160 [4.06]

PIN 1

.070 [1.78] REF

.119 [3.02] REF

90°
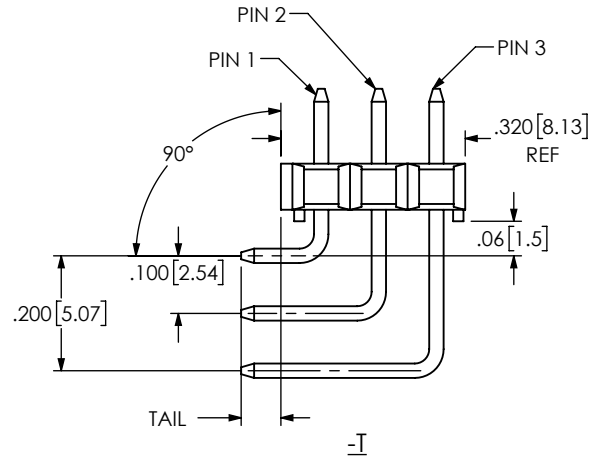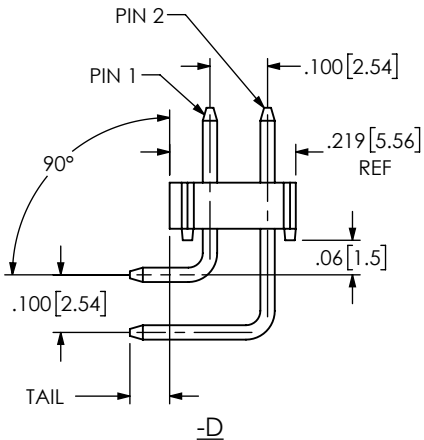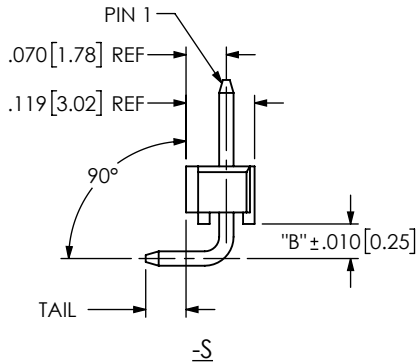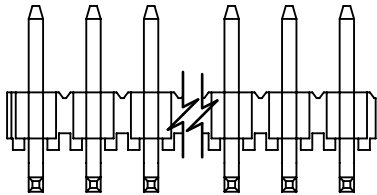
"B" ± .010 [0.25]

TAIL

-S

FIG 2
MTSW-XXX-XX-X-S-XXXX-RX SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

PIN 2
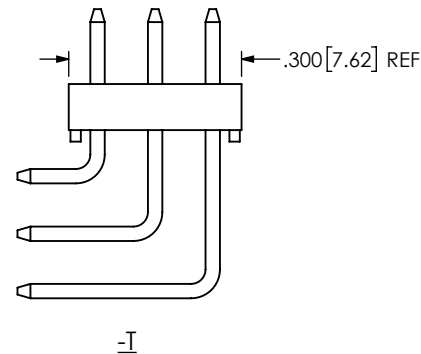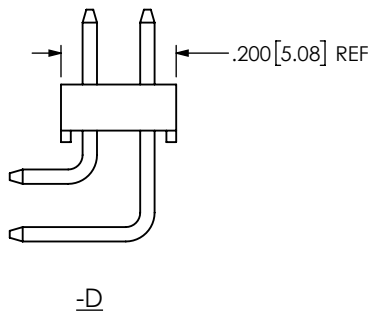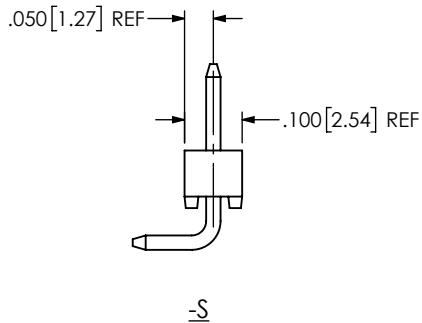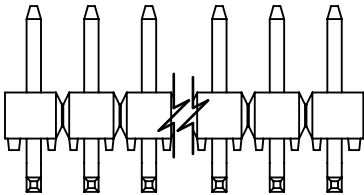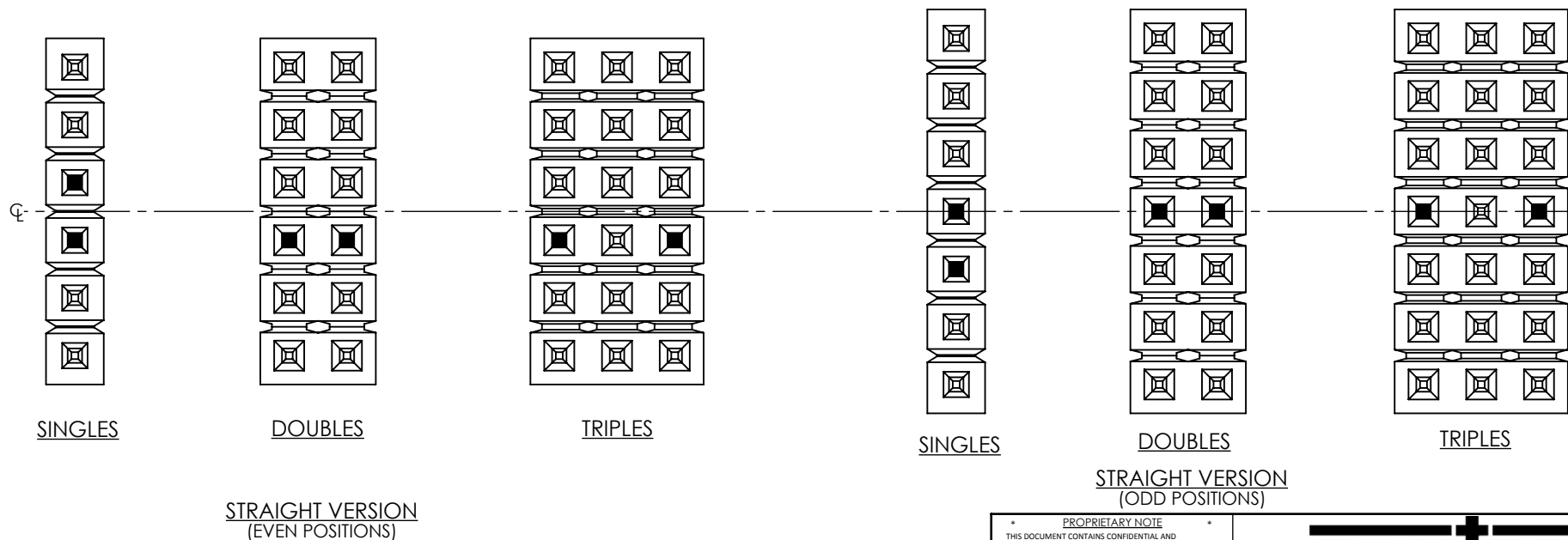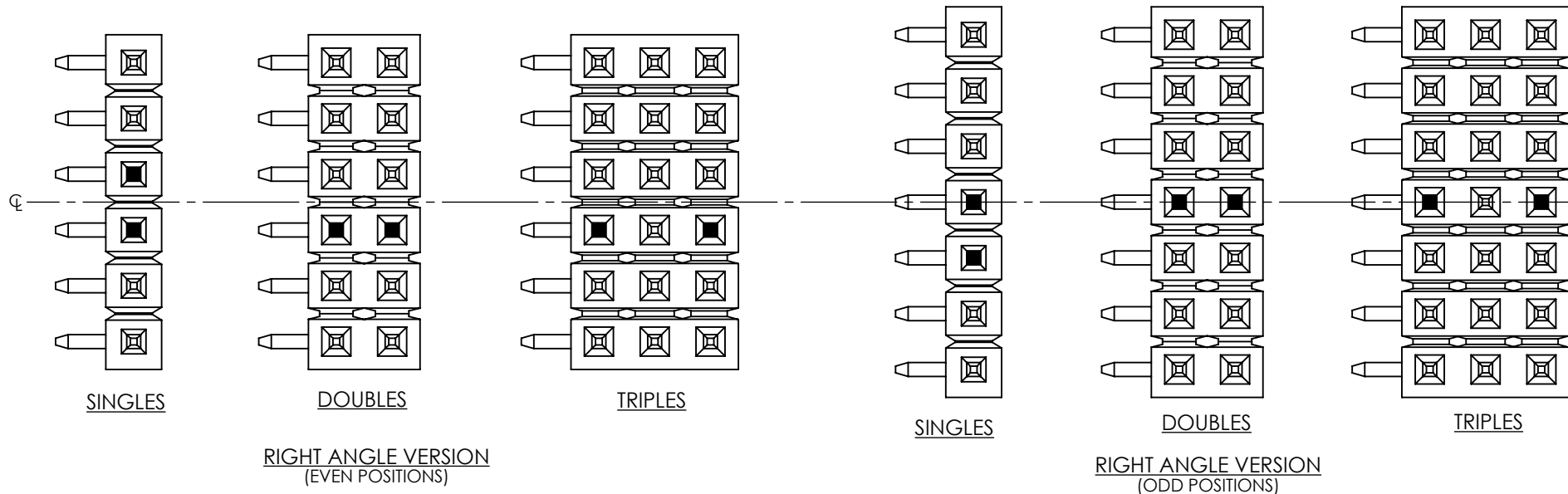
PIN 1

.100 [2.54]

.219 [5.56]
REF

90°

.06 [1.5]

.100 [2.54]

TAIL

-D

PIN 2

PIN 1   PIN 3

.320 [8.13]
REF

90°

.06 [1.5]

.100 [2.54]

.200 [5.07]

TAIL

-T

.050 [1.27] REF

.100 [2.54] REF

-S

.200 [5.08] REF

-D

.300 [7.62] REF

-T

FIG 3
MTSW-XXX-XX-X-S-XXXX-NX SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 2)
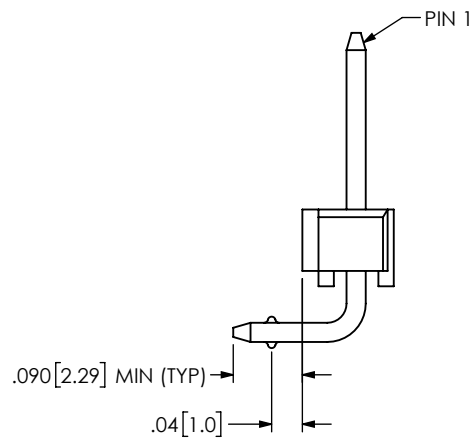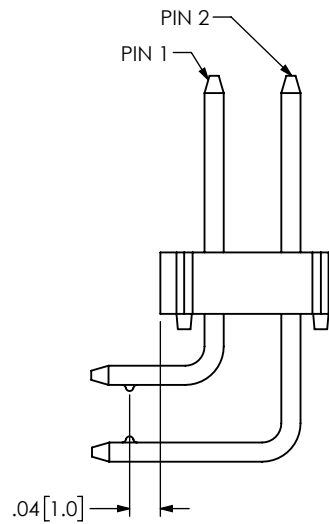
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DO NOT SCALE DRAWING

SHEET SCALE: 1:2

DESCRIPTION:
ASSEMBLY, .025[.64] SQ. POST TERMINAL STRIP

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

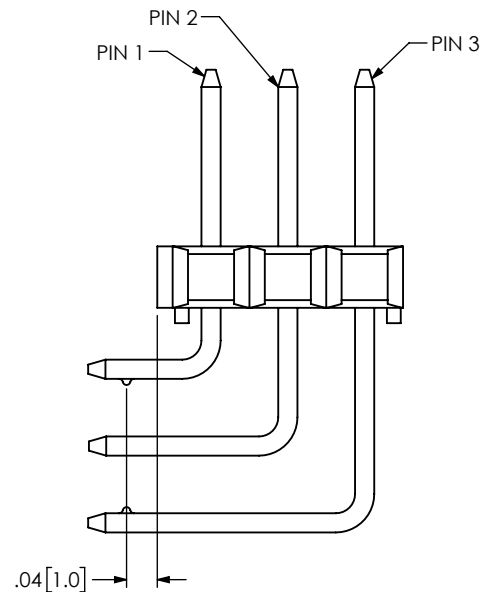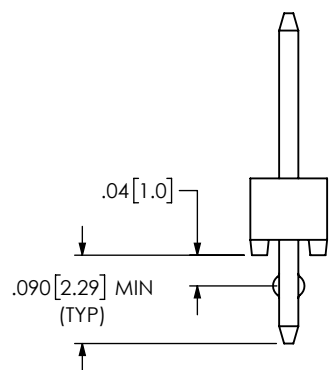BY: PURVIS   02/17/1987   SHEET 2 OF 6

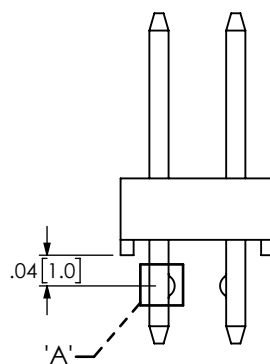C:\EnterpriseVault\DWG\MISC\MKTG\MTSW-XXX-XX-X-X-XXXX-XX-XXX-MKT.SLDDRW

SINGLES   DOUBLES   TRIPLES

RIGHT ANGLE VERSION
(EVEN POSITIONS)

SINGLES   DOUBLES   TRIPLES

RIGHT ANGLE VERSION
(ODD POSITIONS)

SINGLES   DOUBLES   TRIPLES

STRAIGHT VERSION
(EVEN POSITIONS)

SINGLES   DOUBLES   TRIPLES

STRAIGHT VERSION
(ODD POSITIONS)

FIG 4
LOCKING LEAD
(STRAIGHT & RA VERSIONS)
■ = CRIMP LOCATION

DO NOT SCALE DRAWING

SHEET SCALE: 4:1

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DESCRIPTION:
ASSEMBLY, .025[.64] SQ. POST TERMINAL STRIP

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

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C:\EnterpriseVault\DWG\MISC\MKTG\MTSW-XXX-XX-X-X-XXXX-XX-XXX-MKT.SLDDRW

REVISION BK

PIN 1

.090[2.29] MIN (TYP)
.04[1.0]

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

PIN 2
PIN 1

.04[1.0]

DOUBLE -RA
(SHOWN WITH -LA OPTION)

PIN 2
PIN 1
PIN 3

.04[1.0]

TRIPLE -RA
(SHOWN WITH -LA OPTION)

.04[1.0]

.090[2.29] MIN
(TYP)

SINGLE
(SHOWN WITH -LL OPTION)

.04[1.0]

'A'

DOUBLE
(SHOWN WITH -LL OPTION)

.04[1.0]

TRIPLE
(SHOWN WITH -LL OPTION)

.017[0.43] MIN

FIG 5

.0080[0.203]
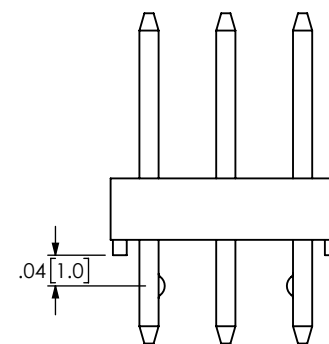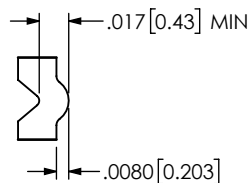
DETAIL 'A'
(CRIMP DETAIL)
(TYP ALL CRIMPS)

DO NOT SCALE DRAWING

SHEET SCALE: 4:1

DESCRIPTION:
ASSEMBLY, .025[.64] SQ. POST TERMINAL STRIP

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

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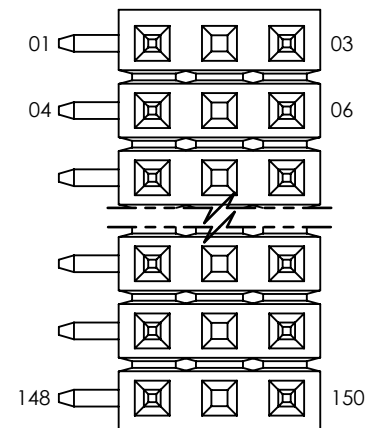C:\EnterpriseVault\DWG\MISC\MKTG\MTSW-XXX-XX-X-X-XXXX-XX-XXX-MKT.SLDDRW
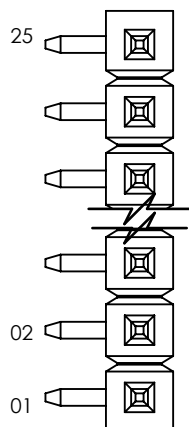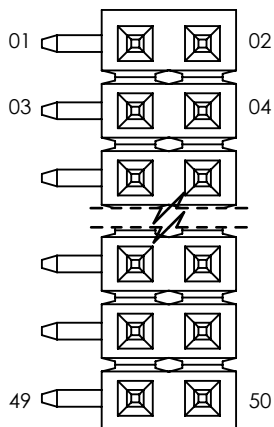
-S: SINGLES

-D: DOUBLES

-T: TRIPLES

-Q: TRIPLES
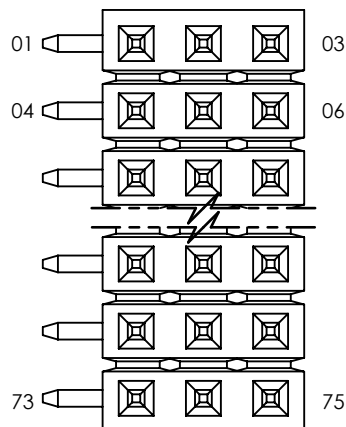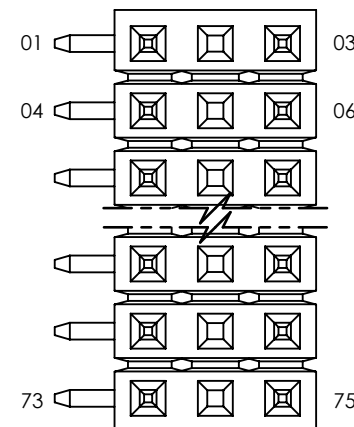(FILL OUTER ROWS ONLY)

-1 = .100 TERMINAL SPACING

-S: SINGLES

-D: DOUBLES

-T: TRIPLES

-Q: TRIPLES
(FILL OUTER ROWS ONLY)

-2 = .200 TERMINAL SPACING

FIG 6
POLARIZATION
(STRAIGHT & RA VERSIONS)

C:\EnterpriseVault\DWG\MISC\MKTG\MTSW-XXX-XX-X-X-XXXX-XX-XXX-MKT.SLDDRW

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SHEET SCALE: 4:1

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

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TABLE 6		
LEAD STYLE	NUMBER OF BAND MARKS ALLOWED IN POST AREA		
	PIN #1	PIN #2	PIN #3
*-05	1	N/A	N/A
-06	1	N/A	N/A
-07	1	1	1
-07-RA	0	0	0
-08	2	2	2
-08-RA	0	0	0
-08-RE	0	0	0
*-09	2	2	2
*-09-RA	1	0	0
*-09-RE	0	0	0
*-10	2	2	2
*-10-RA	1	0	0
*-10-RE	0	0	0
*-11	2	2	2
*-11-RA	1	0	0
*-11-RE	0	0	0
*-12	2	2	2
*-12-RA	1	0	0
*-12-RE	0	0	0
*-13	2	2	N/A
*-13-RA	1	0	N/A
*-13-RE	0	0	N/A
*-21	2	N/A	N/A
*-21-RA	1	N/A	N/A
*-21-RE	0	N/A	N/A
-22	2	2	2
*-22-RA	1	0	0
*-22-RE	0	0	0
-23	2	N/A	N/A
-23-RA	0	N/A	N/A
-24	2	N/A	N/A
-24-RA	0	N/A	N/A
*-27	2	N/A	N/A
*-27-RA	1	N/A	N/A
*-27-RE	0	N/A	N/A
*-28	2	2	N/A
*-28-RA	1	0	N/A
*-28-RE	0	0	N/A

* PINS TO BE FLIPPED OPPOSITE OF SELECTIVE PLATING BEFORE BEING INSERTED

POST AREA
(SEE NOTE 7)
(SEE TABLE 6)

"C" REF
(SEE TABLE 4, SHT 1)

BANDOLIER (REF)

TAIL AREA
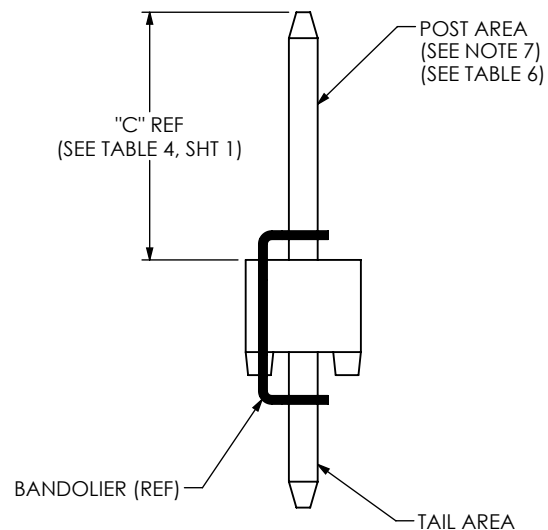
IN PROCESS 1
-T PLATING ONLY

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DO NOT SCALE DRAWING

SHEET SCALE: 4:1

DESCRIPTION:
ASSEMBLY, .025[.64] SQ. POST TERMINAL STRIP

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

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C:\EnterpriseVault\DWG\MISC\MKTG\MTSW-XXX-XX-X-X-XXXX-XX-XXX-MKT.SLDDRW