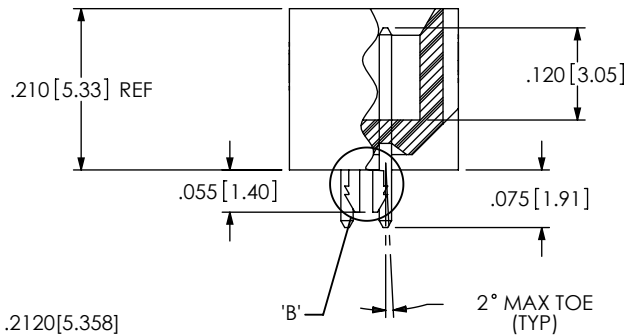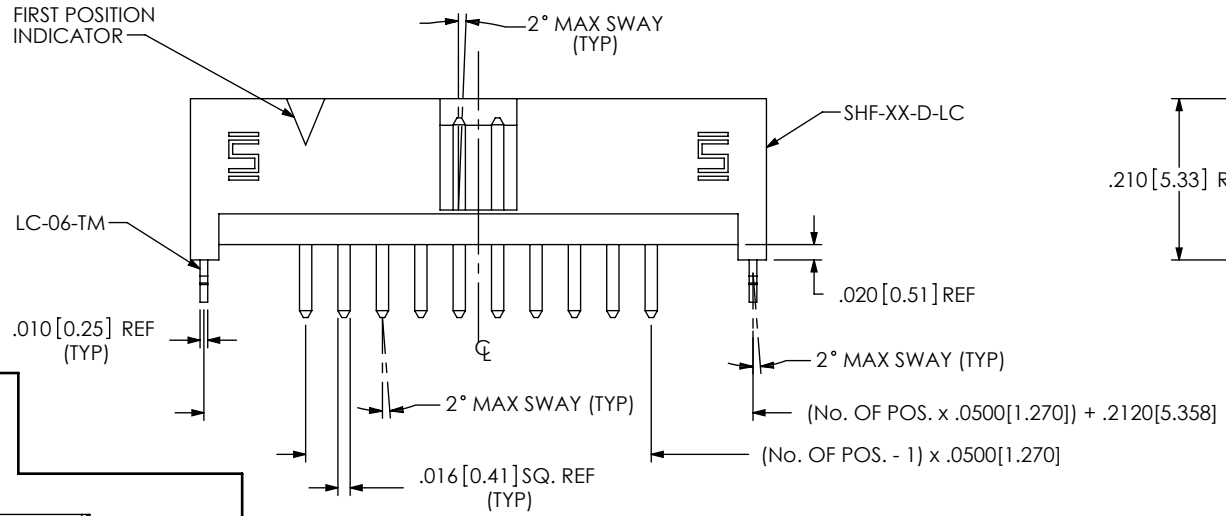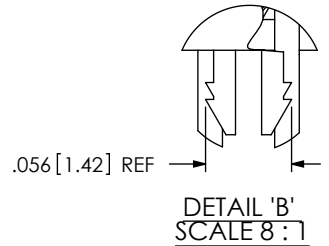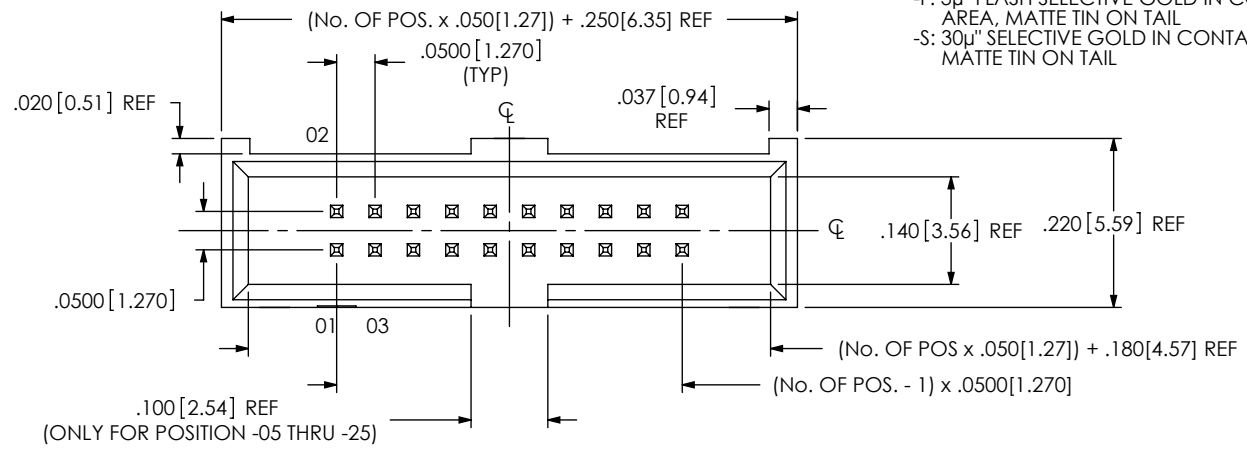REVISION K

NOTES:

1. ⓒ REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: 1 LB[4.45N].
3. MAXIMUM ALLOWABLE BOW: .002[.05] INCH/INCH AFTER ASSEMBLY.
4. POST HEIGHT VARIATION BETWEEN ANY TWO PINS: .005[.13].
5. FOR ALL PINS: NO BAND MARKS ALLOWED IN POST AREA.
6. FOR LOCKING CLIPS: .75LB[3.336N] MIN RETENTION.
7. MEASURE AT BEND.
8. MAX PIN ROTATION IN BODY TO BE 2°.
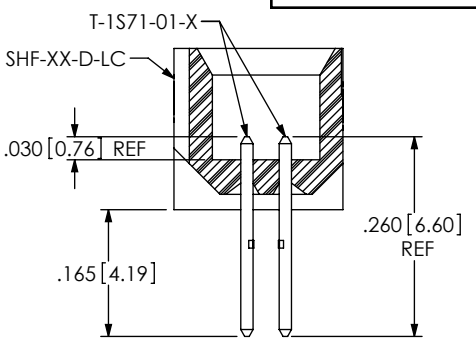
DO NOT
SCALE FROM
THIS PRINT

SHF-1XX-01-X-D-XX-XX

No OF POSITIONS
-02 THRU -25

LEAD STYLE
-01:

PLATING SPECIFICATION
-L: 10μ" LIGHT SELECTIVE IN CONTACT AREA,
    MATTE TIN ON TAIL
-F: 3μ" FLASH SELECTIVE GOLD IN CONTACT
    AREA, MATTE TIN ON TAIL
-S: 30μ" SELECTIVE GOLD IN CONTACT AREA,
    MATTE TIN ON TAIL

OPTION
-LC: LOCKING CLIP
     (NOT AVAILBLE WITH -RA)
-K: POLYIMIDE FILM
    (-SM ONLY)
    (AVAILABLE IN TAPE & REEL ONLY)
-TR: TAPE & REEL

BODY HEIGHT
-TH: THROUGH HOLE (SEE FIG 1, SHT. 1)
-RA: RIGHT ANGLE (SEE FIG 2, SHT. 2)
-SM: SURFACE MOUNT (SEE FIG 3, SHT. 3)

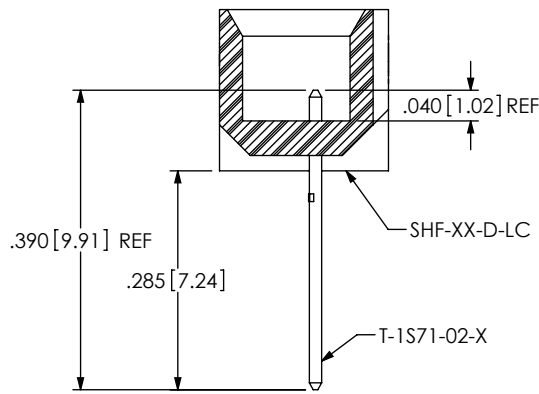ROW SPECIFICATION
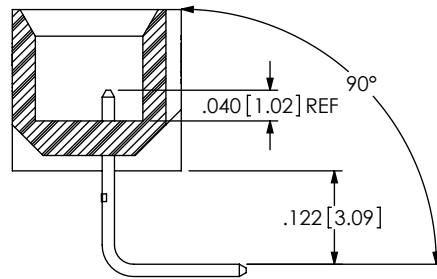-D: DOUBLE

FIG 1
(SHF-110-01-X-D-TH-LC SHOWN)

(No. OF POS. x .050[1.27]) + .250[6.35] REF
.0500[1.270] (TYP)
.020[0.51] REF
.037[0.94] REF
02
.0500[1.270]
.140[3.56] REF   .220[5.59] REF
01   03
(No. OF POS x .050[1.27]) + .180[4.57] REF
(No. OF POS. - 1) x .0500[1.270]
.100[2.54] REF
(ONLY FOR POSITION -05 THRU -25)

.056[1.42] REF

DETAIL 'B'
SCALE 8 : 1

FIRST POSITION
INDICATOR

2° MAX SWAY (TYP)

SHF-XX-D-LC

.210[5.33] REF

LC-06-TM

.120[3.05]

.010[0.25] REF (TYP)

.020[0.51] REF

2° MAX SWAY (TYP)

.055[1.40]

.075[1.91]

2° MAX SWAY (TYP)

(No. OF POS. x .0500[1.270]) + .2120[5.358]

'B'

2° MAX TOE (TYP)

2° MAX SWAY (TYP)

(No. OF POS. - 1) x .0500[1.270]

.016[0.41] SQ. REF (TYP)

IN-PROCESS 1
(FOR -TH ONLY)

T-1S71-01-X

SHF-XX-D-LC

.030[0.76] REF

.260[6.60] REF

.165[4.19]

MATERIAL: DO NOT SCALE DRAWING   SHEET SCALE: 4:1
INSULATOR: SUMIKA E6810LHF, UL 94 VO, COLOR: BLACK
TERMINAL: PHOS BRONZE

samtec
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733   FAX: 812-948-5047
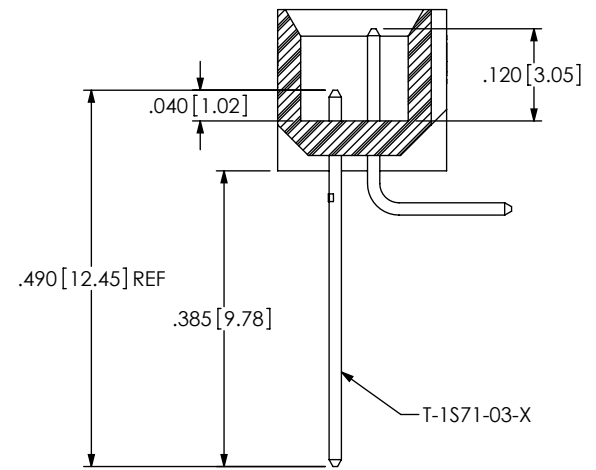e-Mail info@SAMTEC.com   code 55322

DESCRIPTION:
.050 x .050 SHROUDED TERMINAL STRIP

DWG. NO.
SHF-1XX-01-X-D-XX-XX

BY: T NEWTON 1/10/2008   SHEET 1 OF 4

F:\DWG\MISC\MKTG\SHF-1XX-01-X-D-XX-XX-MKT.SLDDRW

REVISION K

.040 [1.02] REF

SHF-XX-D-LC

.390 [9.91] REF

.285 [7.24]

T-1S71-02-X

IN-PROCESS 1
(FOR -RA ONLY)

.040 [1.02] REF

90°

.122 [3.09]

IN-PROCESS 2
(FOR -RA ONLY)

.120 [3.05]

IN-PROCESS 3
(FOR -RA ONLY)

.120 [3.05]

.040 [1.02]

.490 [12.45] REF
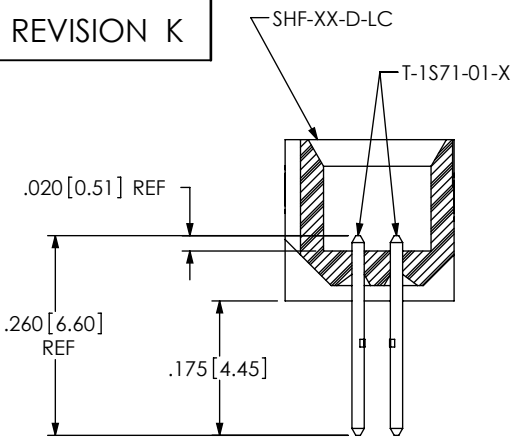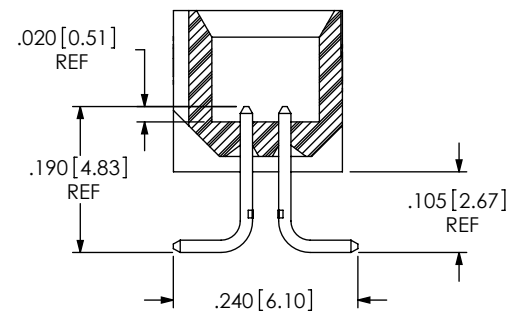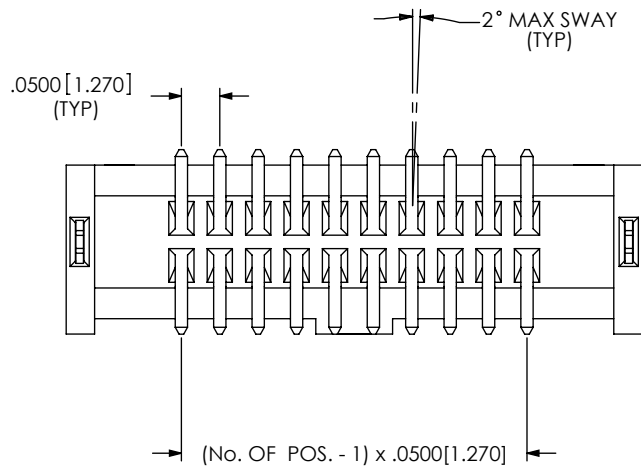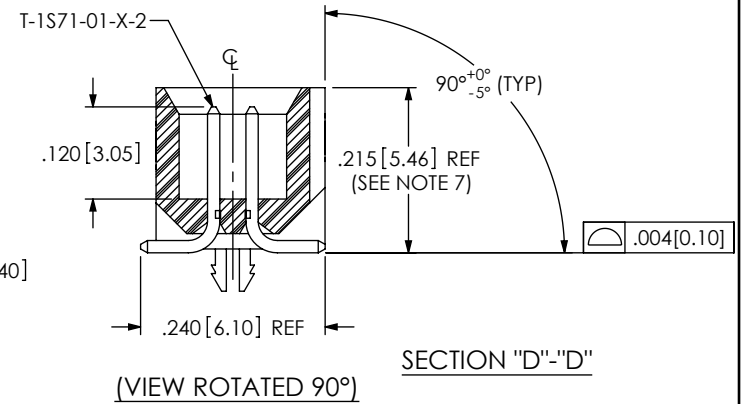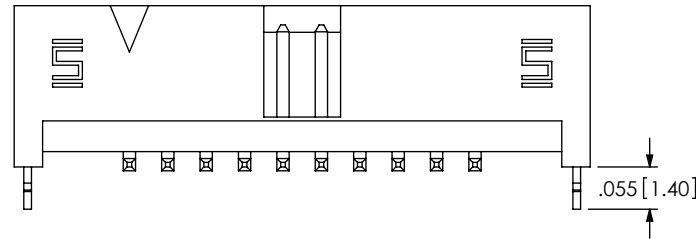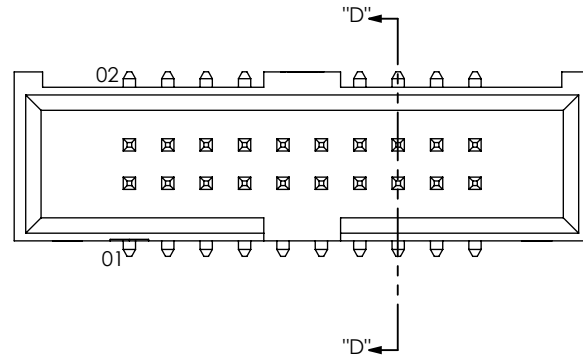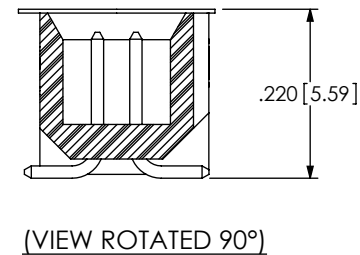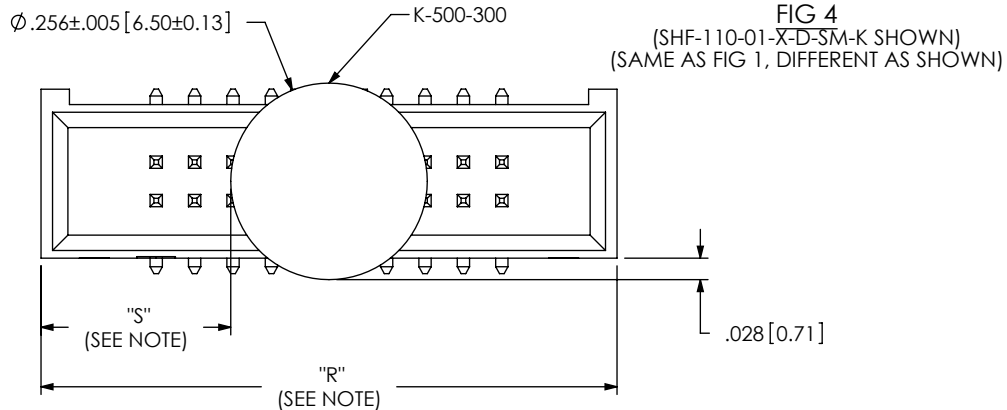
.385 [9.78]

T-1S71-03-X

IN-PROCESS 4
(FOR -RA ONLY)

.120 [3.05]

.040 [1.02] REF

90°

.172 [4.36]
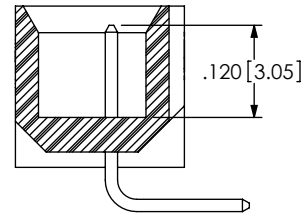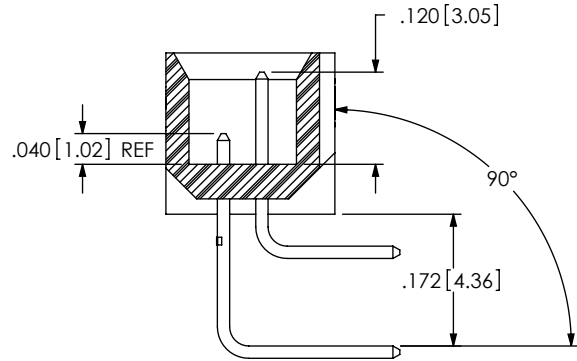
IN-PROCESS 5
(FOR -RA ONLY)

FIG 2
(SHF-110-01-X-D-RA SHOWN)
(SAME AS FIG 1, DIFFERENT AS SHOWN)

(No. OF POS. - 1) x .0500 [1.270]

2° MAX SWAY
(TYP)

"C"

.0500 [1.270]
(TYP)

02

01 03

"C"

.085 [2.15]

.120 [3.05]

90°
(TYP)

.050 [1.26]
(SEE NOTE 7)

.050 [1.27]
(SEE NOTE 7)

SECTION "C"-"C"

2° MAX SWAY
(TYP)

(VIEW ROTATED 90°)

DO NOT SCALE DRAWING

SHEET SCALE: 4:1

DESCRIPTION:
.050 x .050 SHROUDED TERMINAL STRIP

DWG. NO.
SHF-1XX-01-X-D-XX-XX

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BY: T NEWTON 1/10/2008   SHEET 2 OF 4

REVISION K

SHF-XX-D-LC

T-1S71-01-X

.020 [0.51] REF

.260 [6.60] REF

.175 [4.45]

IN-PROCESS 1
(FOR -SM ONLY)

FIG 3
(SHF-110-01-X-D-SM-LC SHOWN)
(SAME AS FIG 1, DIFFERENT AS SHOWN)

"D"

02

01

"D"

T-1S71-01-X-2

90°⁺⁰°₋₅° (TYP)

.120 [3.05]

.215 [5.46] REF
(SEE NOTE 7)

.240 [6.10] REF

.055 [1.40]

.004 [0.10]

SECTION "D"-"D"
(VIEW ROTATED 90°)

.020 [0.51]
REF

.190 [4.83]
REF

.105 [2.67]
REF

.240 [6.10]

IN-PROCESS 2
(FOR -SM ONLY)

2° MAX SWAY
(TYP)

.0500 [1.270]
(TYP)

(No. OF POS. - 1) x .0500 [1.270]

DESCRIPTION:
.050 x .050 SHROUDED TERMINAL STRIP

DWG. NO.
SHF-1XX-01-X-D-XX-XX

F:\DWG\MISC\MKTG\SHF-1XX-01-X-D-XX-XX-MKT.SLDDRW

BY: T NEWTON 1/10/2008   SHEET 3 OF 4

Ø.256±.005 [6.50±0.13]

K-500-300

FIG 4
(SHF-110-01-X-D-SM-K SHOWN)
(SAME AS FIG 1, DIFFERENT AS SHOWN)

.220 [5.59]

(VIEW ROTATED 90°)

"S"
(SEE NOTE)

"R"
(SEE NOTE)

.028 [0.71]

NOTE: "R" = USED MEASURED DIMENSION (REF)
"S" = {("R" -.256[6.50])/2} ±0.020[0.51]

PACKAGING
ALL PARTS ARE LOADED WITH POSITION 1
TOWARD THE ARROW

PT-FTSH002-DV-A-P-M
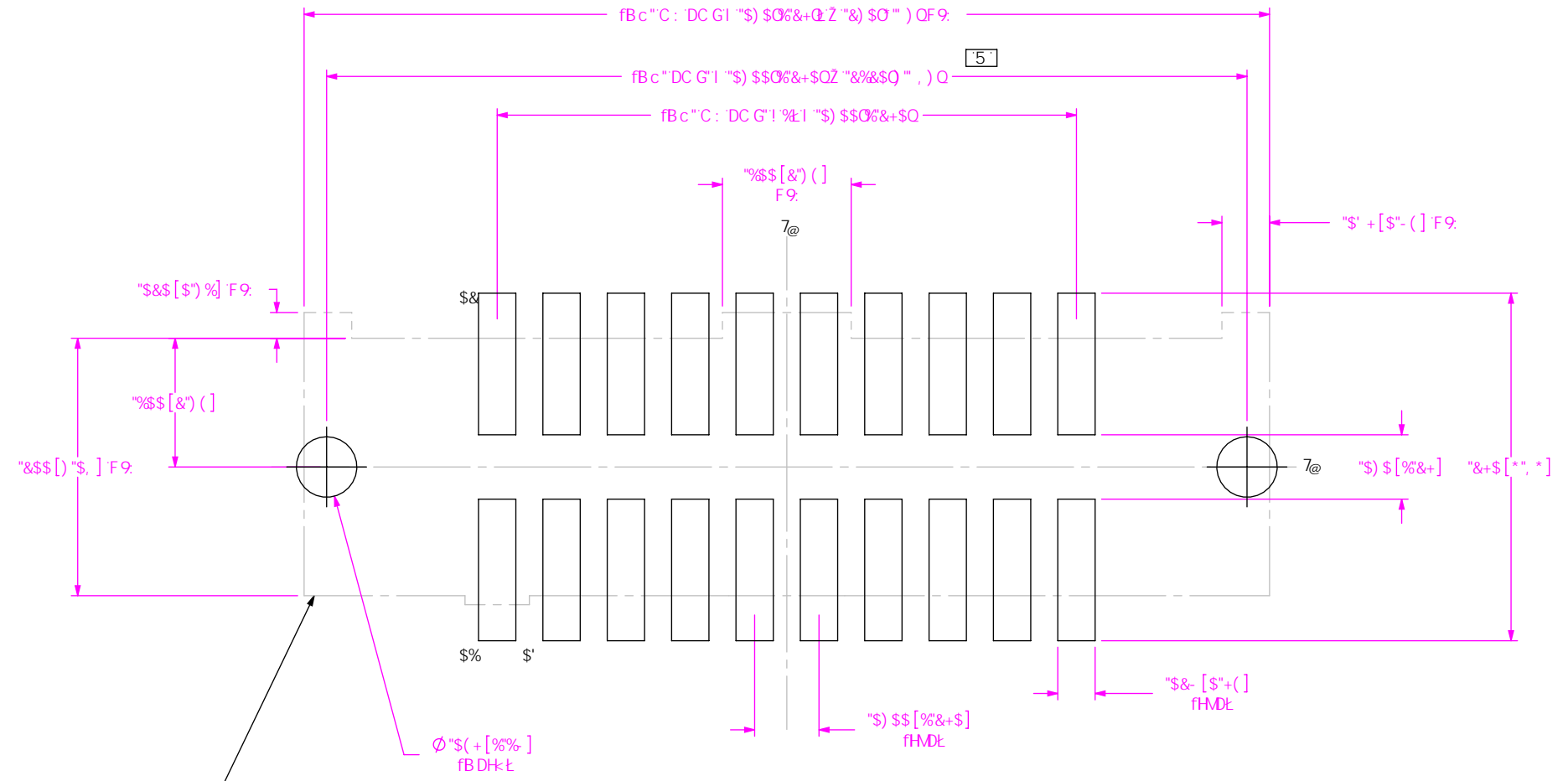
PT-1-24-18-09
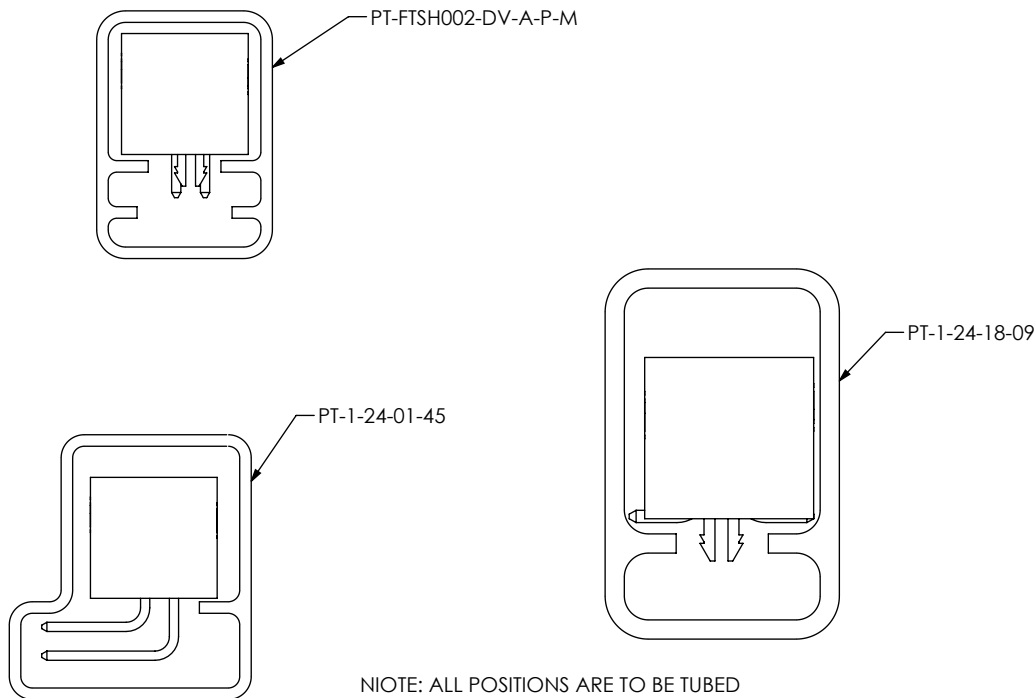
PT-1-24-01-45

NIOTE: ALL POSITIONS ARE TO BE TUBED

TABLE 1		
OPTIONS	PACKAGING TUBE	PLUG
-TH, -TH-LC	PT-FTSH002-DV-A-P-M	TP-03
-SM-LC	PT-1-24-18-09	TP-03
-RA	PT-1-24-01-45	TP-07
-SM	PT-1-24-18-09	TP-03

DO NOT SCALE DRAWING

SHEET SCALE: 4:1

DESCRIPTION:
.050 x .050 SHROUDED TERMINAL STRIP

DWG. NO.
SHF-1XX-01-X-D-XX-XX

BY: T NEWTON 1/10/2008 | SHEET 4 OF 4

F:\DWG\MISC\MKTG\SHF-1XX-01-X-D-XX-XX-MKT.SLDDRW

samtec

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samtec

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samtec

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