REVISION T

TABLE 1

STYLE	"A"	"B" REF	BODY	TERMINAL	MATED HEIGHT WITH BSS
-01	.1680[4.267]	.1600[4.064] REF	BTS-XXX-01-D-XX	T-1S56-01-X	.197[5.00] REF
* -02	.2861[7.267]	.2781[7.064] REF	BTS-XXX-02-D-XX	T-1S56-22-X	.315[8.00] REF

* NOT ENGINEERING APPROVED

BTS-XXX-XX-X-D-XX-X-XX

No OF POSITIONS
-025, -050, -075 (SEE NOTE 11),
-100, -125, -150
(PER ROW)

PACKAGING
BLANK: TRAY(SEE NOTE 14 & 15)
-TR: TAPE & REEL (100 POS MAX)
(SEE NOTE 15 & 16)
-FR: FULL REEL QTY TAPE & REEL
(100 POR MAX)(SEE NOTE 15 & 16)

BODY STYLE
-01: .1680 [4.267]
* -02: .2861 [7.268]
* -03: .4042 [10.267]
* -04: .6000 [15.240]

PICK AND PLACE OPTION
BLANK: NO PICK AND PLACE PAD
-K: POLYIMIDE FILM PAD
(USE K-DOT-.276-.375-.005,
SEE FIG 2)

PLATING SPECIFICATION
-F: FLASH SELECTIVE GOLD,
MATTE TIN TAILS
(USE T-1SXX-XX-F)(SEE NOTE 9)
-L: LIGHT SELECTIVE GOLD,
MATTE TIN TAILS
(USE T-1SXX-XX-L)
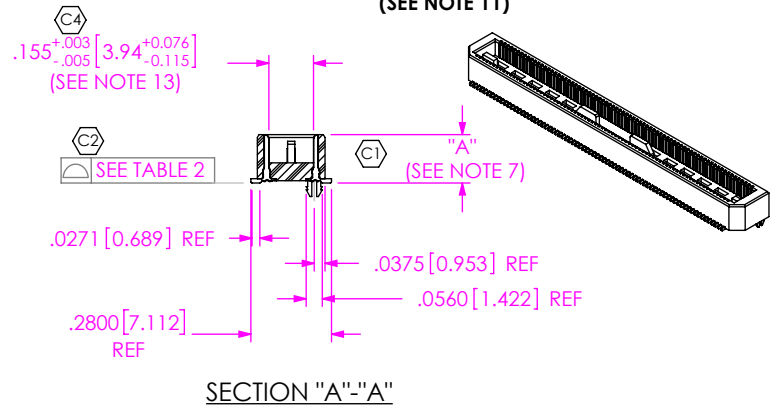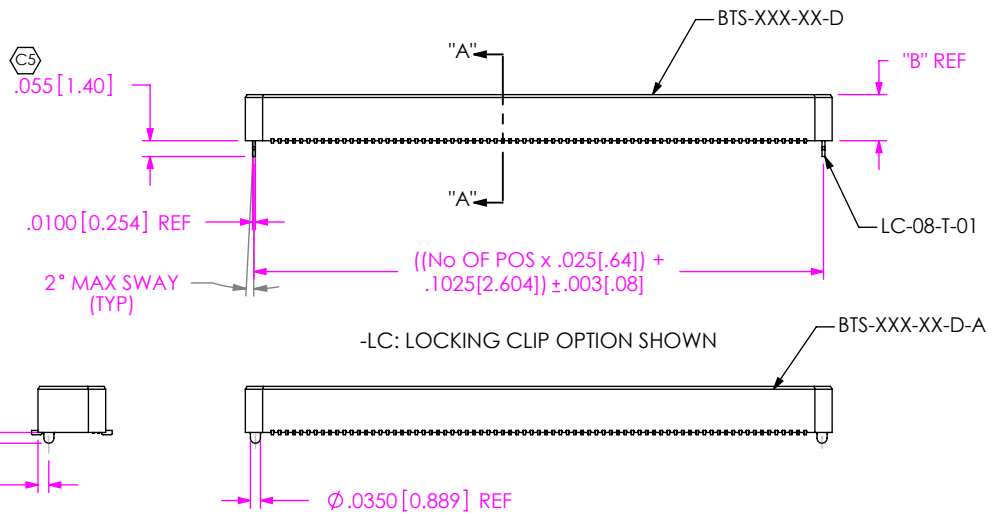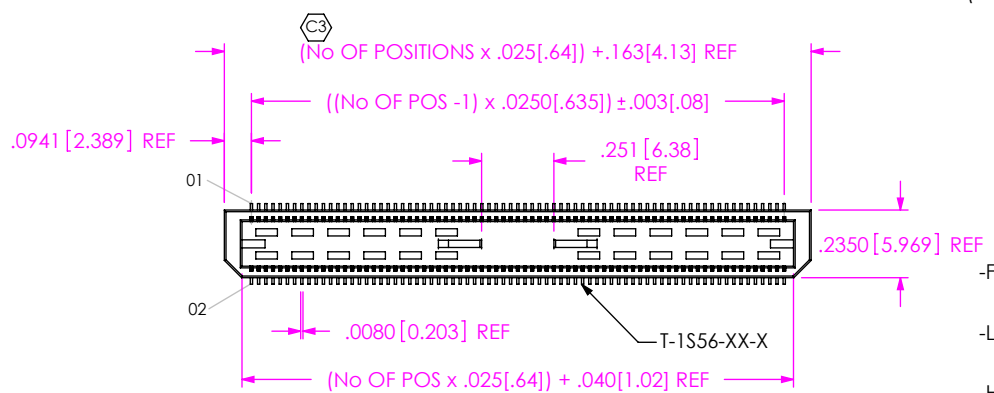-H: HEAVY GOLD
(USE T-1SXX-XX-H)

OPTION
-A: ALIGNMENT PINS
(SEE FIGS 1 & 4)
-LC: LOCKING CLIPS
(USE LC-08-T-01)

ROW SPECIFICATION
-D: DOUBLE (USE BTS-XXX-XX-D &
BTSH-XXX-XX-D)

* NOT ENGINEERING APPROVED (SEE NOTE 11)

C3 (No OF POSITIONS x .025[.64]) +.163[4.13] REF
((No OF POS -1) x .0250[.635]) ±.003[.08]
.251[6.38] REF
.0941[2.389] REF
01
.2350[5.969] REF
02
.0080[0.203] REF
T-1S56-XX-X
(No OF POS x .025[.64]) + .040[1.02] REF

C4 .155 +.003/-.005 [3.94 +0.076/-0.115] (SEE NOTE 13)
C2 SEE TABLE 2
C1
"A" (SEE NOTE 7)
.0271[0.689] REF
.0375[0.953] REF
.0560[1.422] REF
.2800[7.112] REF

SECTION "A"-"A"

C5 .055[1.40]
BTS-XXX-XX-D
"A"
"B" REF
"A"
LC-08-T-01
.0100[0.254] REF
((No OF POS x .025[.64]) + .1025[2.604]) ±.003[.08]
2° MAX SWAY (TYP)
-LC: LOCKING CLIP OPTION SHOWN
BTS-XXX-XX-D-A

.0375[0.953] REF
.0375[0.953] REF
Ø.0350[0.889] REF
-A: ALIGNMENT PIN OPTION SHOWN
FIG 1

NOTES:

1. Ⓒ REPRESENTS A CRITICAL DIMENSION.
2. NOTE DELETED.
3. MAXIMUM BURR ALLOWANCE: .0015[.038].
4. MAXIMUM CUT FLASH: .010[.25].
5. MINIMUM PUSHOUT FORCE: 6 OZ.
6. NOTE DELETED.
7. MAXIMUM VARIANCE: .002[.05].
8. LEAD STYLES -03 & -04: TOP BODY (BTS) CANNOT HAVE -A OPTION.
9. -L PLATING CAN BE SUBSTITUTED FOR -F PLATING.
10. NOTE DELETED.
11. RELEASE FOR SALE THE -02 LEAD STYLE, IN -075 POSITION ONLY, FOR SPECIFIC CUSTOMER NEED.
12. NOTE DELETED.
13. PIN CAN EXTEND PAST WALL .003 [.08] MAXIMUM.
14. TRAYS ARE STANDARD PACKAGING.
15. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM
16. ATTACH LABEL -4X2 TO EACH REEL.

TABLE 2

No OF POSITIONS	COPLANARITY
-025 THRU -075	.004[.10]
-100 THRU -150	.006[.15]

MATERIAL:
INSULATOR: LCP, COLOR: BLACK
FLAMMABILITY RATING: UL94VO
TERMINAL: PHOS BRONZE

DO NOT SCALE DRAWING   SHEET SCALE: 1.5:1

SAMTEC

DESCRIPTION:
.635mm DOUBLE ROW SOCKET ASSEMBLY

DWG. NO.
BTS-XXX-XX-X-D-XX

BY: DEAN P   06/24/1999   SHEET 1 OF 3

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FIG 2
-K: POLYIMIDE FILM PAD
(USE K-DOT-.276-.375-.005)

TABLE 3	
STYLE	"C"
-01	.173[4.39]
* -02	.291[7.39]
* -03	.409[10.39]
* -04	.605[15.37]

* NOT ENGINEERING APPROVED
(SEE NOTE 11)

C7
C8

"R" REF
"S"

.0205±.020 [0.52±0.51]

2.0375[51.753]

∅.276[7.01]

"C"

NOTE: "R" = (No OF POSITIONS x .0250[.635] + .1625[4.128]
     "S" = (("R" - .276[7.01]) / 2) ±.020[.51]

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520 PARK EAST BLVD, NEW ALBANY, IN 47150
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DESCRIPTION:
.635mm DOUBLE ROW SOCKET ASSEMBLY

DWG. NO.
BTS-XXX-XX-X-D-XX

BY: DEAN P   06/24/1999   SHEET 2 OF 3

REVISION T

FIG 3

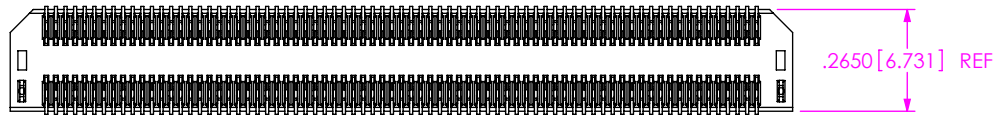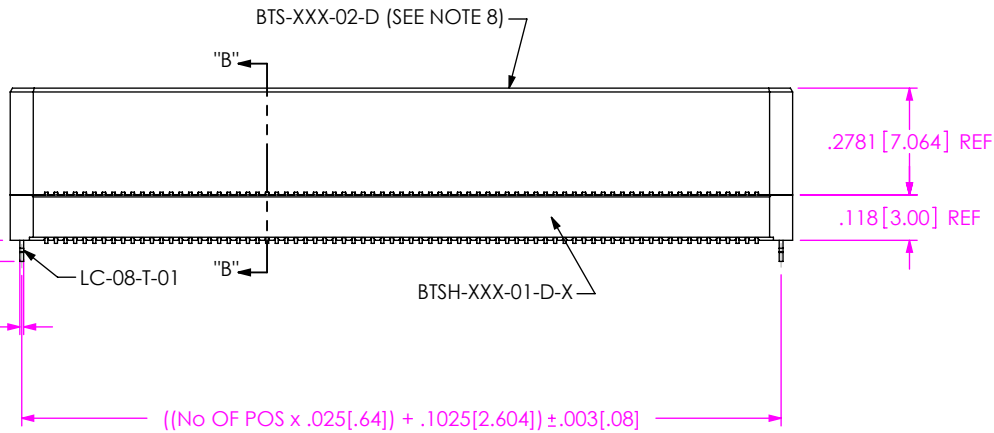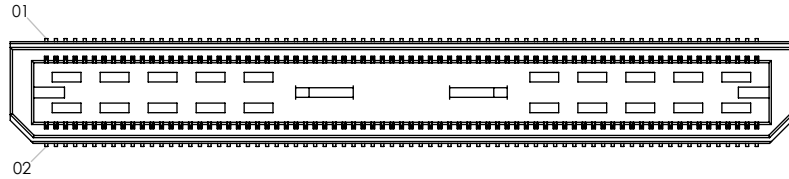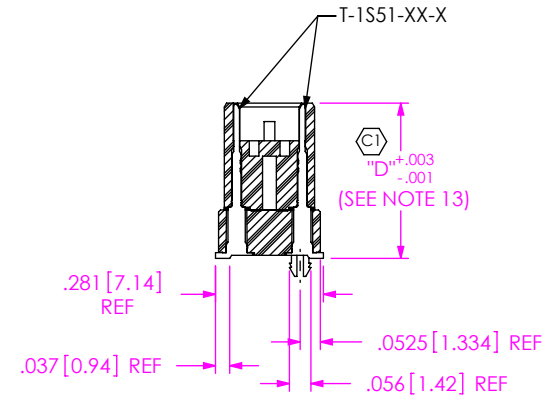BTS-075-03-X-D-LC SHOWN
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

TABLE 4				MATED HEIGHT
STYLE	"D"	TERMINAL	BOTTOM SPACER BODY	WITH BSS-01
* -03	.4042 [10.267]	T-1S51-03-X	BTSH-XXX-01-D-X	.433 [11.00] REF
* -04	.6000 [15.240]	T-1S51-04-X	BTSH-XXX-01-D-X	.630 [16.00] REF

* NOT ENGINEERING APPROVED

01

02

BTS-XXX-02-D (SEE NOTE 8)

"B"

C5

.055 [1.40]

LC-08-T-01

"B"

BTSH-XXX-01-D-X

.2781 [7.064] REF

.118 [3.00] REF

.010 [0.25] REF

((No OF POS x .025[.64]) + .1025[2.604]) ±.003[.08]

.2650 [6.731] REF

T-1S51-XX-X

C1

"D" +.003 / -.001
(SEE NOTE 13)

.281 [7.14] REF

.037 [0.94] REF

.0525 [1.334] REF

.056 [1.42] REF

SECTION "B"-"B"

BTSH-XXX-01-D-A

BTS-XXX-02-D (SEE NOTE 8)

.0375 [0.953] REF

.0350 [0.889] REF

(No OF POSITIONS x .0250[.635]) + .1025[2.604] REF
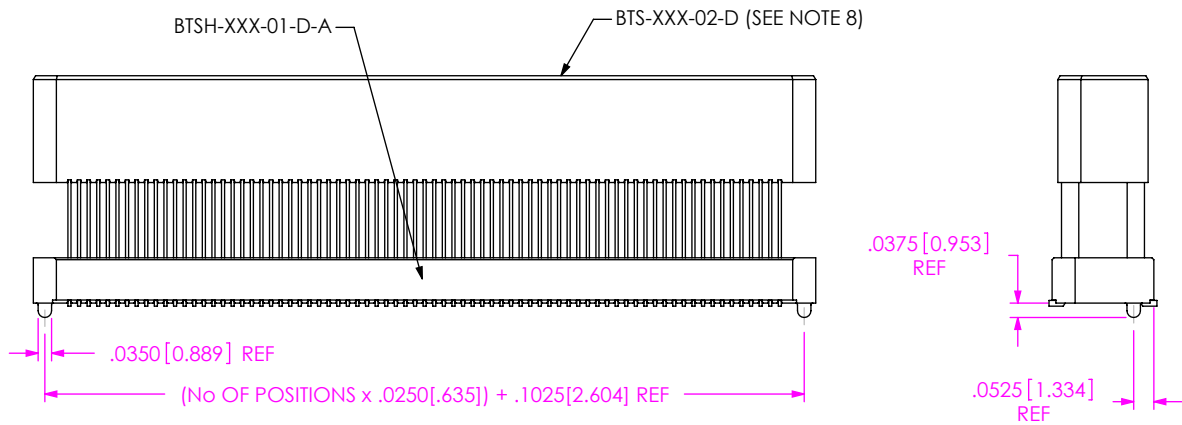
.0525 [1.334] REF

FIG 4

-A: ALIGMENT PIN OPTION FOR -03 & -04 LEAD STYLES
BTS-075-04-X-D-A SHOWN
(SAME AS FIG 3, UNLESS OTHERWISE STATED)

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1

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DESCRIPTION:
.635mm DOUBLE ROW SOCKET ASSEMBLY

DWG. NO.
BTS-XXX-XX-X-D-XX

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