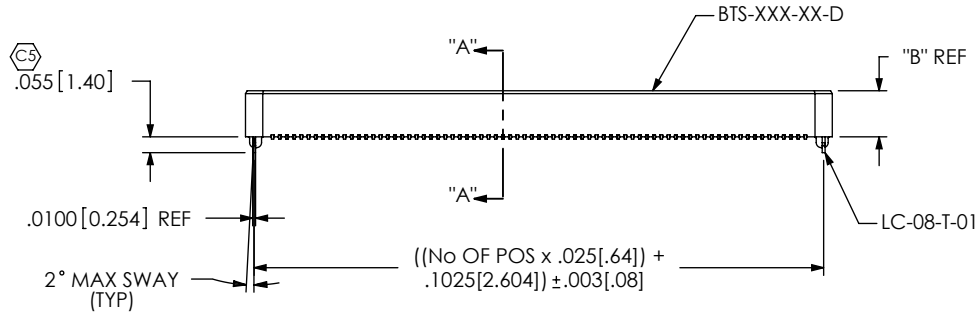
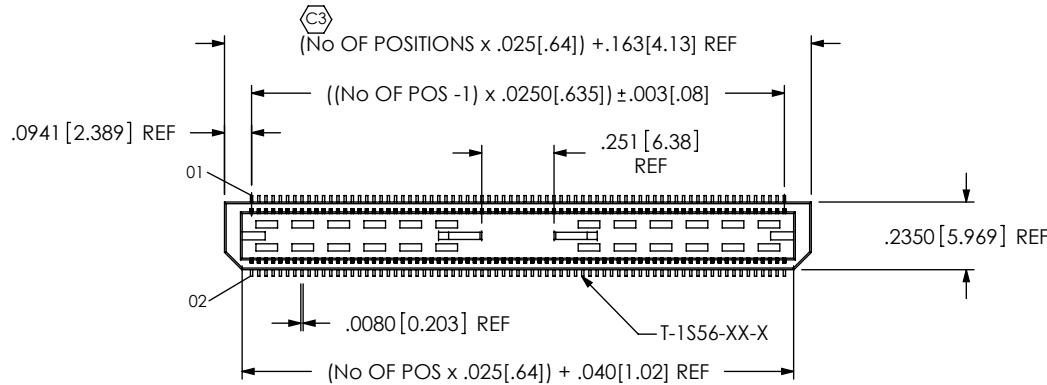


# REVISION Q

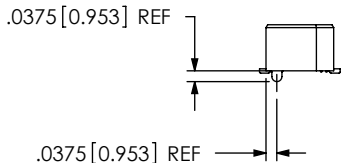
DO NOT  
SCALE FROM  
THIS PRINT

TABLE 1					MATED HEIGHT WITH BSS
STYLE	"A"	"B" REF	BODY	TERMINAL	
-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



-LC: LOCKING CLIP OPTION SHOWN



-A: ALIGNMENT PIN OPTION SHOWN

NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. COPLANARITY: SEE TABLE 2.
3. MAXIMUM BURR ALLOWANCE: .0015[.038].
4. MAXIMUM CUT FLASH: .010[.25].
5. MINIMUM PUSHOUT FORCE: 6 OZ.
6. MAXIMUM ALLOWABLE BOW: .002[.05] INCH/INCH AFTER ASSEMBLY.
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. ENGINEERING APPROVED BUT NOT RELEASED FOR SALE. RELEASE PENDING BSS-01 APPROVAL.
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 [0.08] MAXIMUM.

BTS-XXX-XX-X-D-XX

No OF POSITIONS

-025, -050, -075 (SEE NOTE 11),  
-100, -125, -150  
(PER ROW)

OPTION

-A: ALIGNMENT PINS  
(SEE FIGS 1 & 4)  
-LC: LOCKING CLIPS  
(USE LC-08-T-01)  
-K: POLYIMIDE FILM PAD  
(USE K-DOT-.276-.375-.005,  
SEE FIG 2)  
-TR: TAPE & REEL (100 POS MAX)

BODY STYLE

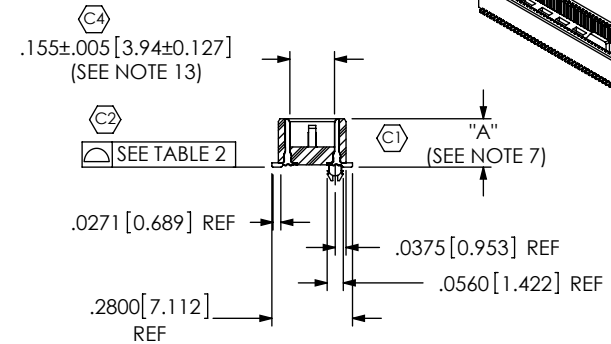
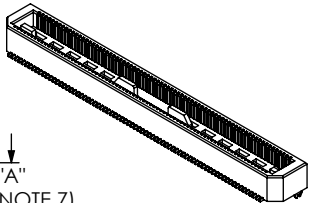
-01: .1680 [4.267]  
\* -02: .2861 [7.268]  
\* -03: .4042 [10.267]  
\* -04: .6000 [15.240]

ROW SPECIFICATION

-D: DOUBLE (USE BTS-XXX-XX-D &  
BTS-XXX-XX-D)

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)



SECTION "A"- "A"

FIG 1

TABLE 2

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

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES  
.XX: ±.01[.3] 2°  
.XXX: ±.005[.13]  
.XXXX: ±.0020[.051]

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MATERIAL: DO NOT SCALE DRAWING

INSULATOR: LCP, COLOR: BLACK  
FLAMMABILITY RATING: UL94V0  
TERMINAL: PHOS BRONZE

SHEET SCALE: 1.5:1

DESCRIPTION:

.635mm DOUBLE ROW SOCKET ASSEMBLY

DWG. NO.

BTS-XXX-XX-X-D-XX

BY: DEAN P

06/24/1999

SHEET 1 OF 3

**samtec**

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

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

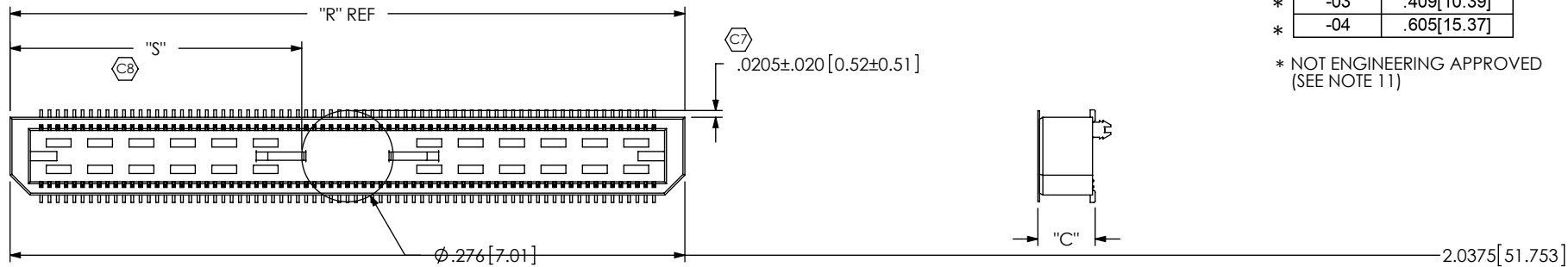


TABLE 3	
STYLE	"C"
-01	.173[4.39]
-02	.291[7.39]
-03	.409[10.39]
-04	.605[15.37]

\* NOT ENGINEERING APPROVED  
(SEE NOTE 11)

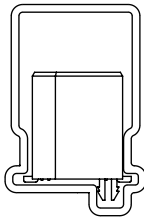
NOTE: "R" = (No OF POSITIONS x .0250[.635] + .1625[4.128])  
"S" = (( "R" - .276[7.01]) / 2) ± .020[.51]

PACKAGING VIEWS

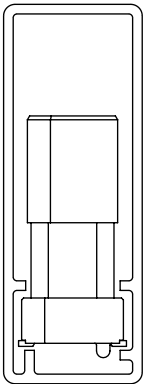
[PARTS TO HAVE POSITION #1 LOADED IN  
SAME DIRECTION AS ARROW ON TUBE]

[STYLE -03 & -04]

[STYLE -01 & -02]



TUBE: PT-1-24-01-78  
PLUG: TP-07



TUBE: PT-1-24-01-98  
PLUG: TP-26

F:\DWG\MISC\MKTG\BTS-XXX-XX-X-D-XX-MKT.SLDDRW

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SHEET SCALE: 2:1



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

DESCRIPTION:  
.635mm DOUBLE ROW SOCKET ASSEMBLY

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

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

FIG 3  
BTS-075-03-X-D-LC SHOWN  
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

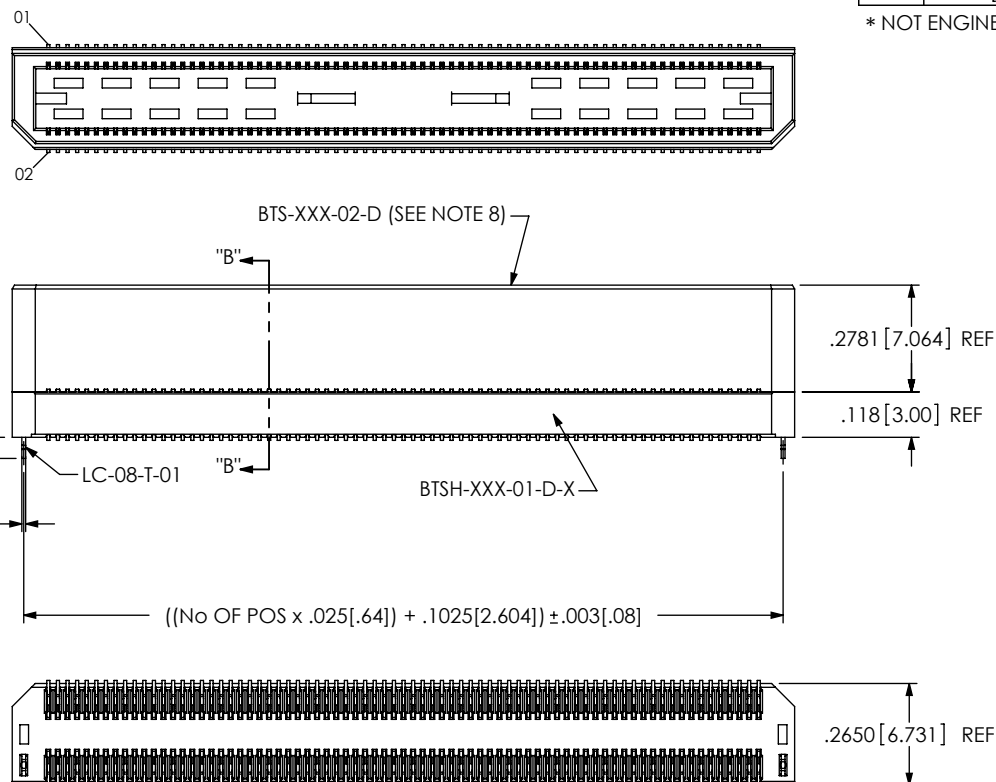
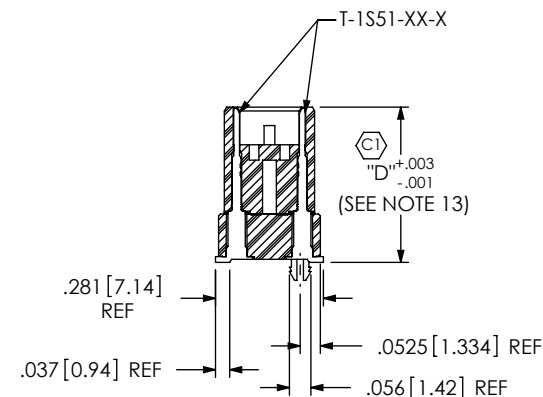


TABLE 4				MATED HEIGHT WITH BSS-01
STYLE	"D"	TERMINAL	BOTTOM SPACER BODY	
* -03	.4042 [10.267]	T-1S51-03-X	BTSH-XXX-01-D-X	.433 [11.00] REF
* -04	.6000 [15.240]	T-1S51-04-X	BTSH-XXX-01-D-X	.630 [16.00] REF

\* NOT ENGINEERING APPROVED



SECTION "B"-"B"

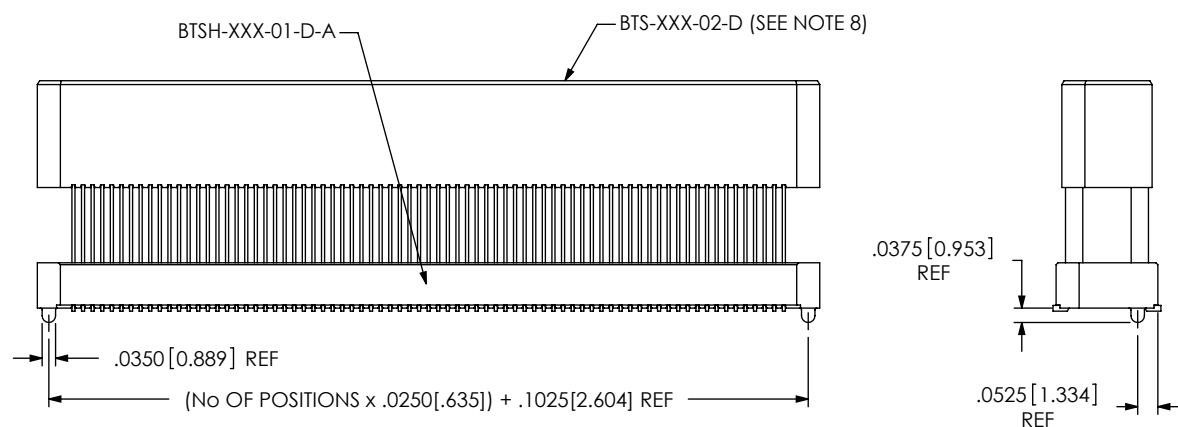


FIG 4

-A: ALIGNMENT 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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SHEET SCALE: 2:1

**samtec**

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e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:  
.635mm DOUBLE ROW SOCKET ASSEMBLY

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

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