

DO NOT SCALE FROM THIS PRINT

TABLE 1					
STYLE	"A"	"B"	BODY	TERMINAL	MATED HEIGHT WITH BSE
-01	.1600[4.064] REF	.1680[4.267]	BTE-XXX-01-D	T-1S39-01-X	.1980[5.029] REF
-02	.2781[7.064] REF	.2861[7.267]	BTE-XXX-02-D	T-1S59-02-X	.3161[8.029] REF
-03	.3962[10.063] REF	.4042[10.267]	BTE-XXX-03-D	T-1S39-03-X	.4342[11.029] REF

BTE-XXX-XX-X-D-XX

No OF POSITIONS  
 -020, -040, -060,  
 [-080, \*-090, -100, -120]  
 (PER ROW)  
 \*-03, -04 & -08 BODY STYLE ONLY

OPTION

- A: ALIGNMENT PINS  
(USE BTE-XXX-XX-D-A)
- LC: LOCKING CLIPS(SEE NOTE 13)  
(USE LC-08-TM-01)
- K: POLYIMIDE FILM  
(N/A ON STYLES -07 & -08)  
(USE K-DOT-.276-.375-.005, SEE FIG 2)
- TR: TAPE & REEL (80 POS MAX)  
[N/A ON STYLE -05, -06, -07 & -08]
- FL: FRICTION LOCK (SEE FIG 4, SHEET 3)  
(USE BTE-XXX-01-D-X-FL)  
(AVAIL ON LEAD STYLE -01 ONLY,  
-020 THRU -100 POSITIONS ONLY)

BODY STYLE  
 -01: .1680[4.267]  
 -02: .2861[7.264]  
 -03: .4042[10.266]  
 -04: .6010[15.265]  
 -05: .7190[18.263]  
 -06: .8370[21.260]  
 -07: .9542[24.237]  
 -08: 1.1511[29.238]  
 -09: .5224 [13.269]

ROW SPECIFICATION

- D: DOUBLE (USE BTE-XXX-XX-D-X & BTEH-XXX-XX-D-X)

PLATING SPECIFICATION

- F: 3μ" SELECTIVE GOLD IN CONTACT AREA, WITH MATTE TIN TAILS  
(USE T-1SXX-XX-F) (SEE NOTE 10)
- L: 10μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN TAILS  
(USE T-1SXX-XX-L) (SEE NOTE 10)
- H: 30μ" GOLD IN CONTACT AREA, 3μ" GOLD ON TAIL (USE T-1SXX-XX-H)
- C: 50μ" GOLD IN CONTACT AREA, 3μ" GOLD ON TAIL (USE T-1SXX-XX-C)

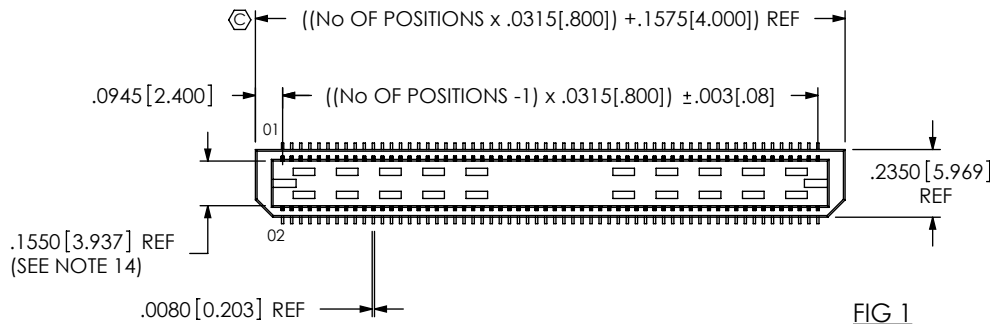
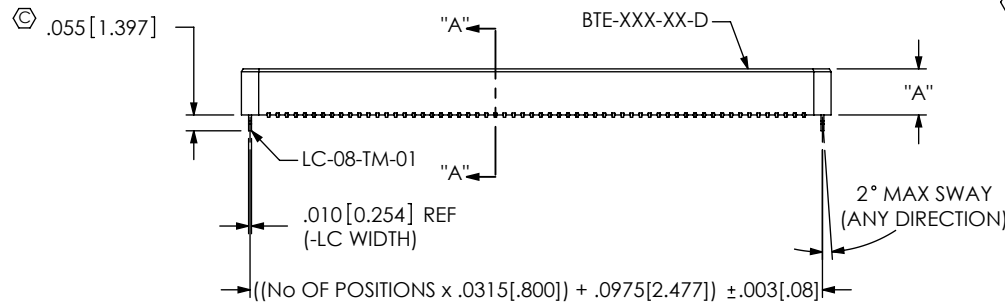
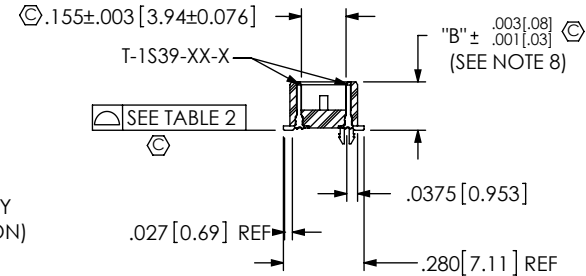


FIG 1  
 BTE-060-01-X-D-LC SHOWN



-LC: LOCKING CLIP OPTION



SECTION "A"-"A"

BTE-XXX-XX-D-A

-A: ALIGNMENT PIN OPTION

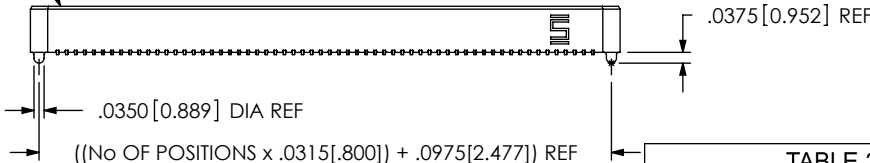
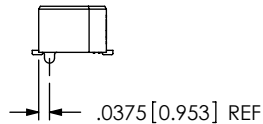


TABLE 2	
POSITIONS	COPLANARITY
-20 THRU -60	.004[.10]
-80 THRU -120	.006[.15]

NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. NOTE DELETED.
3. BURR ALLOWANCE: .0015[.038] MAX.
4. NOTE DELETED.
5. MINIMUM PUSHOUT FORCE: 6 OZ.
6. NOTE DELETED.
7. PARTS TO BE MOLD TO POSITION.
8. MAX VARIANCE OF .002[.05].
9. BTE-XXX-03-D BODY CAN BE SUBSTITUTED FOR BTE-XXX-03-D-A.
10. -L PLATING CAN BE SUBSTITUTED FOR -F PLATING.
11. NOTE DELETED.
12. NOTE DELETED.
13. DUE TO THE HIGH AMOUNT OF INSERTION FORCE NEEDED, THE -LC OPTION IS NOT COMPATIBLE WITH AUTO PLACEMENT. SAMTEC RECOMMENDS MANUAL PLACEMENT FOR ALL ASSEMBLIES WITH THE -LC OPTION."
14. PIN CAN EXTEND PAST WALL .003 [.08] MAX.

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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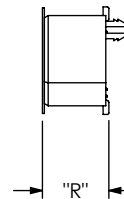
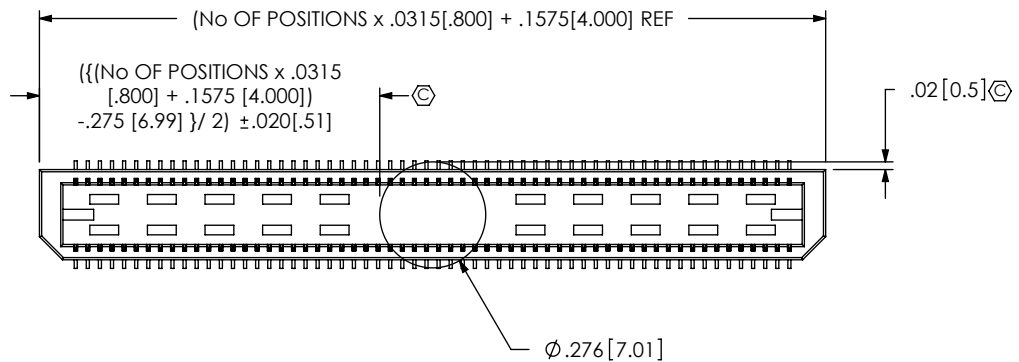


520 PARK EAST BLVD. NEW ALBANY, IN 47150  
 PHONE: 812-944-6733 FAX: 812-948-5047  
 e-Mail: info@SAMTEC.com code 55322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1.5:1  
 INSULATOR: LCP, COLOR: BLACK, FLAMMABILITY RATING: UL94VO  
 TERMINAL: PHOS BRONZE

DESCRIPTION: .8mm DOUBLE ROW TERMINAL ASSEMBLY  
 DWG. NO. BTE-XXX-XX-X-D-XX

FIG 2  
-K: POLYIMIDE FILM PAD



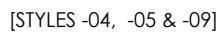
STYLE	"R"
-01	.173 4.39
-02	.291 7.39
-03	.409 10.39
-04	.606 15.39
-05	.724 18.39
-06	.842 21.39
-09	.527 13.40

PACKAGING VIEW

[PARTS NEED TO BE LOADED PER PACKAGING VIEWS]  
[-05 LEADSTYLE PARTS WITH KAPTON TO BE LOADED WITH KAPTON RESTING ON THE TUBE RIBS].



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



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



TUBE: PT-1-24-01-105  
PLUG: TP-26



TUBE: PT-1-24-02-104  
PLUG: TP-26



TUBE: PT-1-24-01-104  
PLUG: TP-26

STYLE	PACKAGING TUBE	PLUG
-01	PT-1-24-01-78	TP-07
-02		
-03		
-04	PT-1-24-01-98	TP-26
-05		
-06	PT-1-24-01-105	
-07	PT-1-24-02-104	
-08	PT-1-24-01-104	
-09	PT-1-24-01-98	TP-26

C:\EnterpriseVault\DWG\MISC\MKTG\BTE-XXX-XX-X-D-XX-MKT.SLDDRW

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SHEET SCALE: 2:1



520 PARK EAST BLVD, NEW ALBANY, IN 47150  
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DESCRIPTION: .8mm DOUBLE ROW TERMINAL ASSEMBLY

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

BY: DEAN P 03/22/1999 SHEET 2 OF 3

FIG 3

BTE-060-06-X-D-LC SHOWN  
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1]

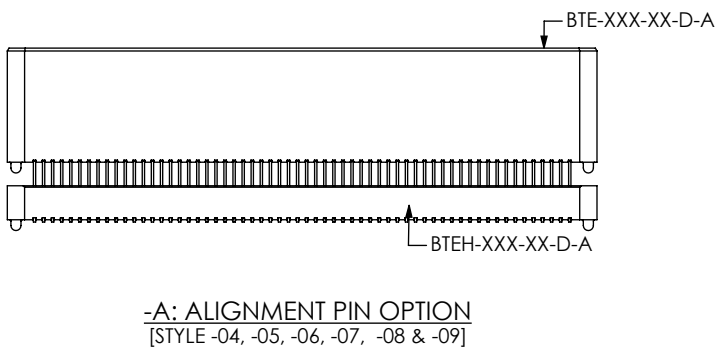
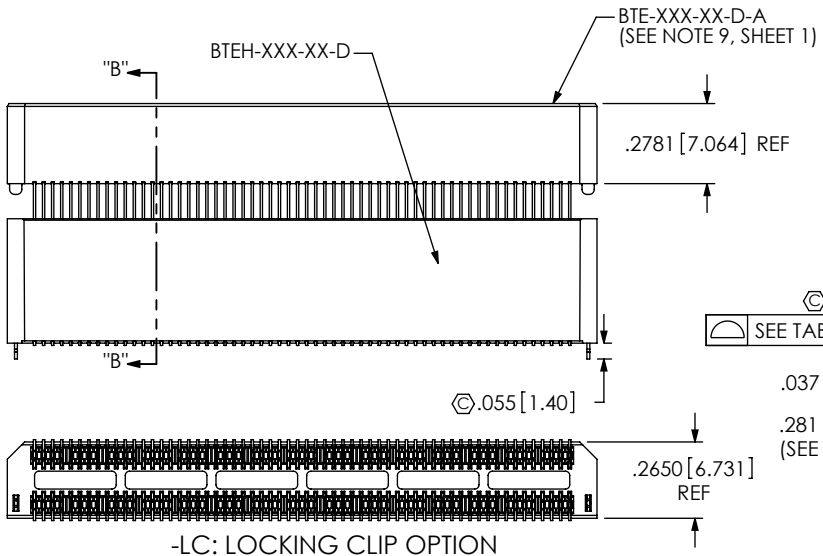
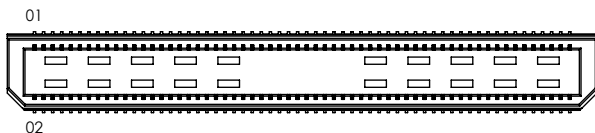
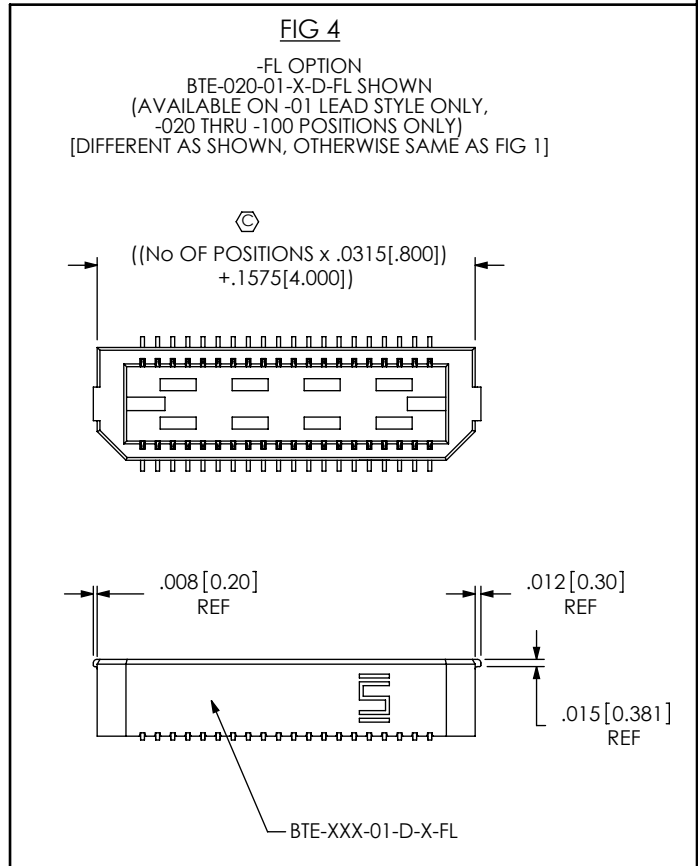
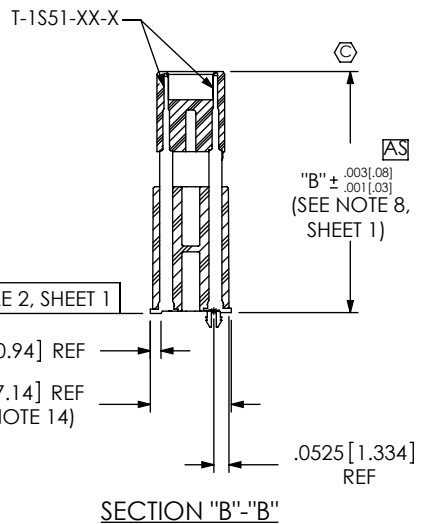


TABLE 4					
STYLE	"B"	TERMINAL	BOTTOM BODY	TOP BODY	MATED HEIGHT WITH BSE
-04	.6010 [15.265]	T-1S41-04-X	BTEH-XXX-01-D-X	BTE-XXX-03-D-A	.634 [16.10] REF
-05	.7190 [18.263]	T-1S41-05-X	BTEH-XXX-01-D-X	BTE-XXX-03-D-A	.752 [19.10] REF
-06	.8370 [21.260]	T-1S51-06-X	BTEH-XXX-03-D-X	BTE-XXX-02-D-A	.867 [22.02] REF
-07	.9542 [24.237]	T-1S61-21-F, T-1S61-21-L, T-1S61-21-H	BTEH-XXX-04-D-X	BTE-XXX-02-D-A	.9842 [25.00] REF
-08	1.1511 [29.238]	T-1S61-22-X	BTEH-XXX-04-D-X	BTE-XXX-02-D-A	1.1811 [30.00] REF
-09	.5224 [13.269]	T-1S60-09-X	BTEH-XXX-01-D-X	BTE-XXX-02-D-A	.551 [14.00] REF



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

DESCRIPTION:  
.8mm DOUBLE ROW TERMINAL ASSEMBLY

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

BY: DEAN P 03/22/1999 SHEET 3 OF 3