

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

DO NOT SCALE FROM THIS PRINT

BTE-XXX-XX-X-D-XX-X-XX

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

PACKAGING

-BLANK: TUBES (SEE NOTES 18 & 19)
 -TR: TAPE & REEL (80 POS MAX)
 [N/A ON STYLE -05, -06, -07 & -08]
 (SEE NOTES 19 & 20)
 -FR: FULL REEL QTY. TAPE & REEL (80 POS MAX)
 [N/A ON STYLE -05, -06, -07 & -08]
 (SEE NOTE S 19 & 20)

PICK & PLACE OPTION

-K: POLYIMIDE FILM
 (N/A ON STYLES -07 & -08)
 (USE K-DOT-.276-.375-.005, SEE FIG 2)

OPTION

-A: ALIGNMENT PINS
 (USE BTE-XXX-XX-D-A)
 -LC: LOCKING CLIPS(SEE NOTE 13)
 (USE LC-08-TM-01)
 -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)

ROW SPECIFICATION

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

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]

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)

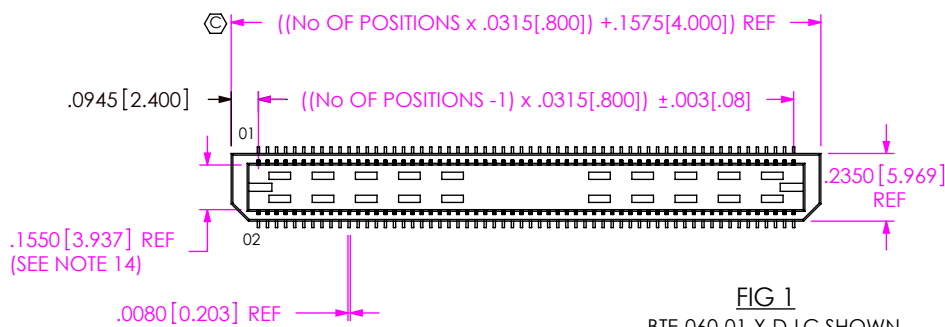
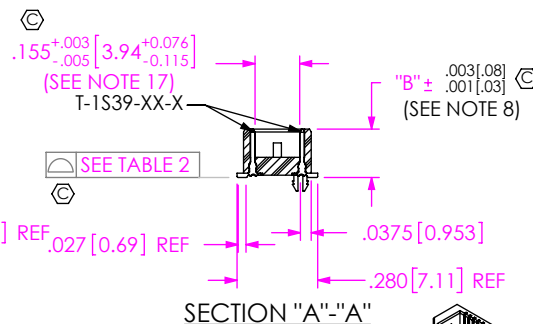
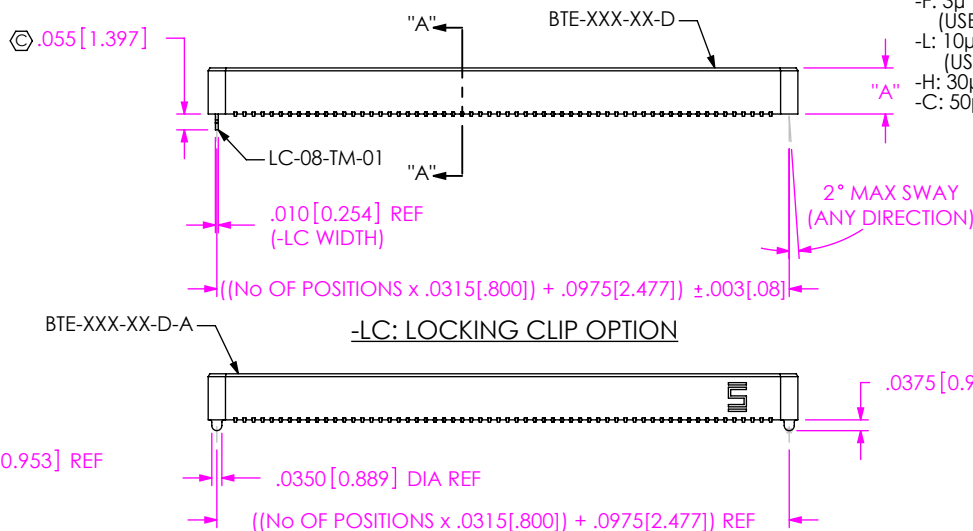


FIG 1
 BTE-060-01-X-D-LC SHOWN



SECTION "A"-"A"

TABLE 2	
POSITIONS	COPLANARITY
-20 THRU -60	.004[0.10]
-80 THRU -100	.006[0.15]
-120	.007 [0.18]

- 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.
 15. NOTE DELETED.
 16. NOTE DELETED.
 17. ANY CHANGES SHOULD ALSO BE APPLIED TO QTH, QTE, QTS, BTH, BTE, AND BTS.
 18. TUBES ARE STANDARD PACKAGING.
 19. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM
 20. ATTACH LABEL-4X2 TO EACH REEL.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:
 DECIMALS ANGLES
 .XX: ±.01 [.3]
 .XXX: ±.005 [.13]
 .XXXX: ±.0020 [.051]

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1.5:1
 INSULATOR: LCP, COLOR: BLACK, FLAMMABILITY RATING: UL94V0
 TERMINAL: PHOS BRONZE



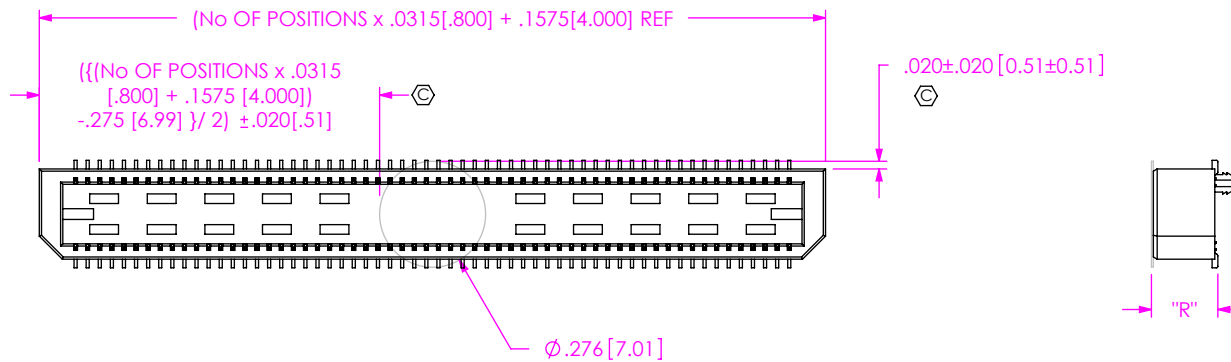
520 PARK EAST BLVD, NEW ALBANY, IN 47150
 PHONE: 812-944-6733 FAX: 812-948-5047
 e-Mail info@SAMTEC.com code 55322

DESCRIPTION: .8mm DOUBLE ROW TERMINAL ASSEMBLY

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

BY: DEAN P 03/22/1999 SHEET 1 OF 3

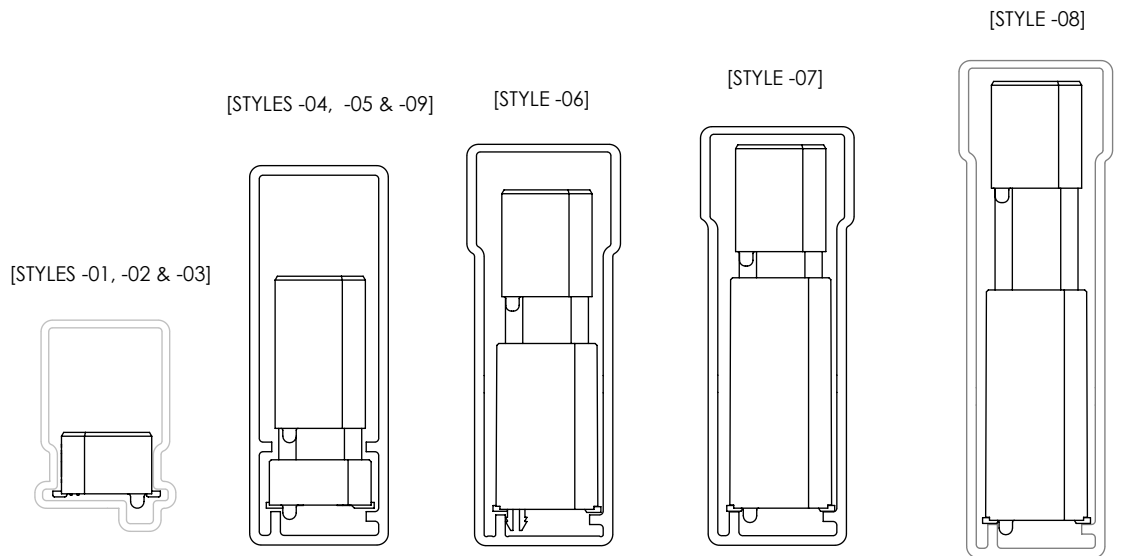
FIG 2
-K: POLYIMIDE FILM PAD



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		
-07	PT-1-24-02-104	
-08	PT-1-24-01-104	
-09	PT-1-24-01-98	

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

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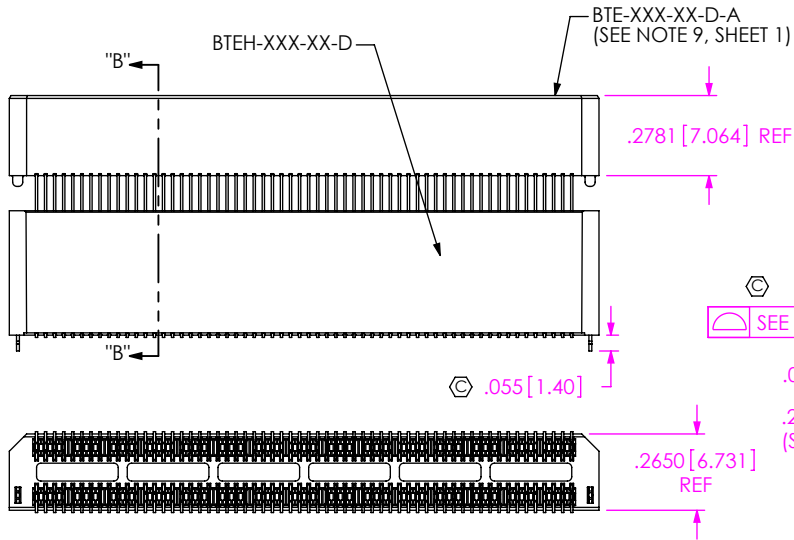
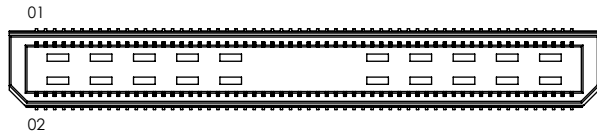
SHEET SCALE: 2:1

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

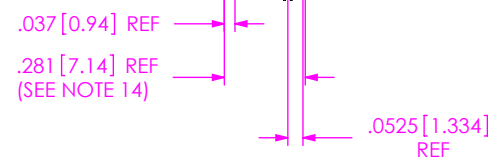
TABLE 4					
STYLE	"B"	TERMINAL	BOTTOM BODY	TOP BODY	MATED HEIGHT WITH BSE
-04	.6010 [15.265]	T-1S41-04-X	BTEH-XXX-01-D-X	BTE-XXX-03-D-A	.634 [16.10] REF
-05	.7190 [18.263]	T-1S41-05-X	BTEH-XXX-01-D-X	BTE-XXX-03-D-A	.752 [19.10] REF
-06	.8370 [21.260]	T-1S51-06-X	BTEH-XXX-03-D-X	BTE-XXX-02-D-A	.867 [22.02] 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



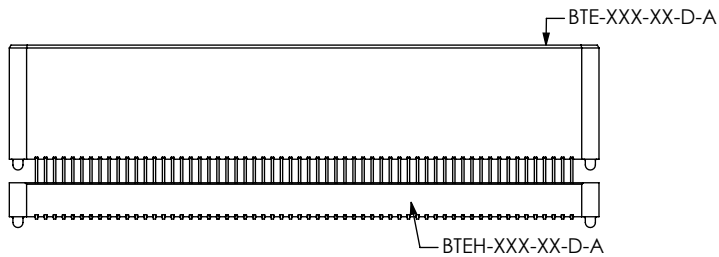
SECTION "B"- "B"

SEE TABLE 2, SHEET 1

"B" ± .003 [.08]
.001 [.03]
(SEE NOTE 8, SHEET 1)



-LC: LOCKING CLIP OPTION



-A: ALIGNMENT PIN OPTION
[STYLE -04, -05, -06, -07, -08 & -09]

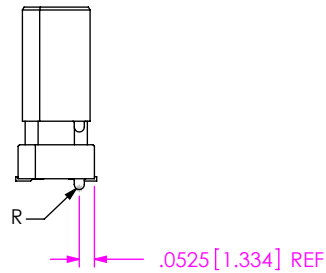
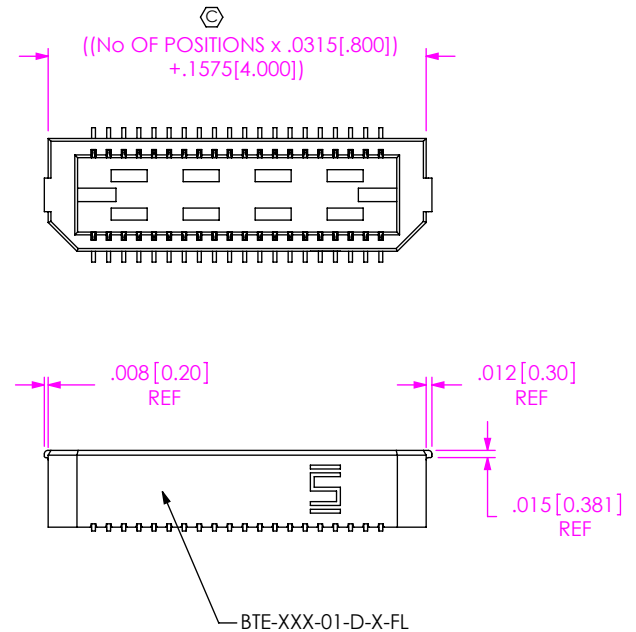


FIG 4

-FL OPTION
BTE-020-01-X-D-FL SHOWN
(AVAILABLE ON -01 LEAD STYLE ONLY,
-020 THRU -100 POSITIONS ONLY)
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1]



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SHEET SCALE: 1.5:1



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