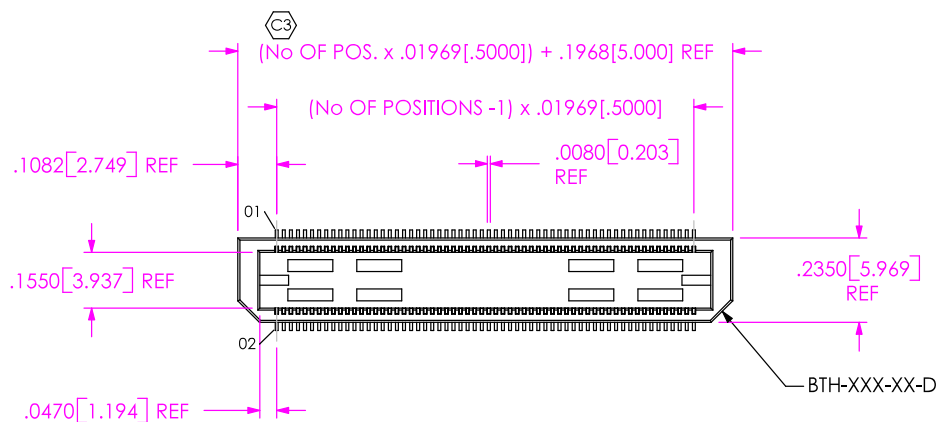


DO NOT SCALE FROM THIS PRINT



No OF POSITIONS
 030, 050, 060, 090, 120, 150 (PER ROW)
 LEAD STYLE -02 ONLY: 030 - 180 MULTIPLES OF 10

LEAD STYLE

-01: .1680[4.267]
 -02: .2861[7.264] (030 - 180 POSITIONS AVAILABLE)
 -03: .4042[10.267]
 -04: .6000[15.240]
 -05: .7180[18.237]
 -06: .8360[21.234]
 -09: .5224[13.269]

*** = 50 POS. ONLY AVAILABLE FOR -01 AND -02 LEAD STYLE (REF ASP-65267-02)

OPTION

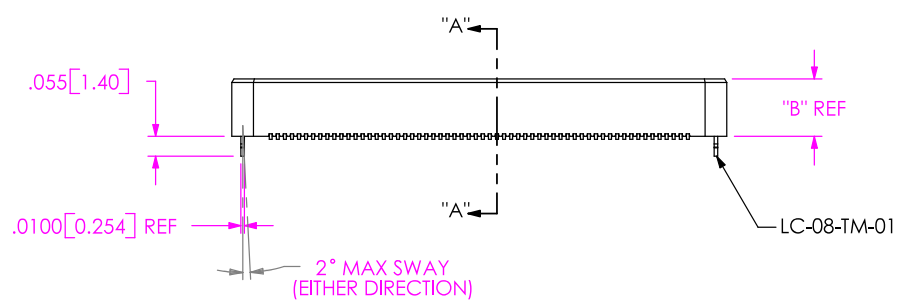
-A: ALIGNMENT PINS (USE BTH-XXX-XX-D-A FOR STYLES -01 & -02) (FOR STYLES -03 THRU -09, SEE TABLE 4 & FIG. 4, SHEET 3)
 -LC: LOCKING CLIPS (USE LC-08-TM-01)
 -K: POLYAMIDE FILM (USE K-500-300, SEE FIG. 2) (AVAILABLE ON STYLES -01 THRU -04 & -09 ONLY)
 -TR: TAPE & REEL (120 POS MAX) [N/A ON -05 THRU -06]

ROW SPECIFICATION

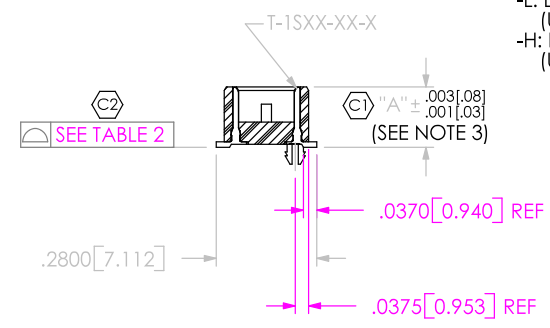
-D: DOUBLE (USE BTH-XXX-XX-D & BTHH-XXX-XX-D)

PLATING SPECIFICATION

-F: FLASH SELECTIVE GOLD (USE T-1SXX-XX-F) (SEE NOTE 5)
 -L: LIGHT SELECTIVE GOLD (USE T-1SXX-XX-L)
 -H: HEAVY GOLD (USE T-1SXX-XX-H)



-LC: LOCKING CLIP OPTION SHOWN



SECTION "A"-"A"

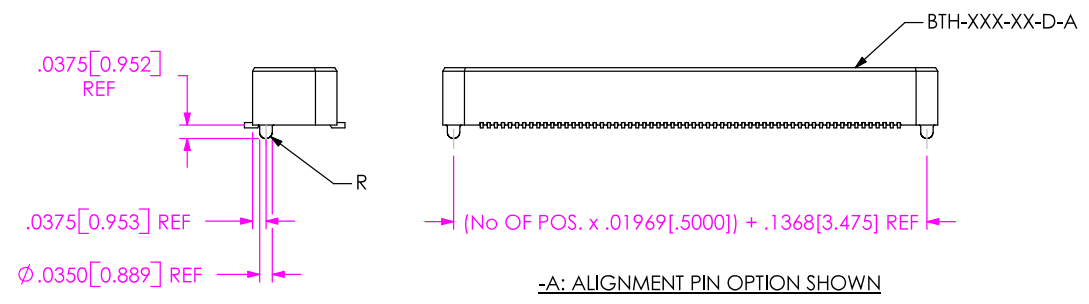
TABLE 2

NO. OF POSITIONS	COPLANARITY
-030 THRU -090	.004[.10]
-120 THRU -150	.006[.15]

TABLE 1

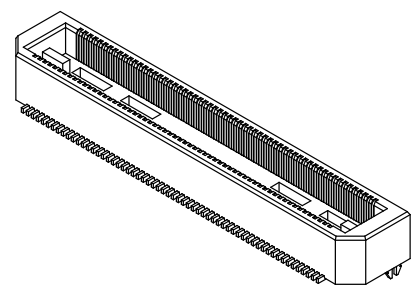
STYLE	"A"	"B"	BODY	TERMINAL	MATED HEIGHT WITH BSH
-01	.1680[4.267]	.1600[4.064]	BTH-XXX-01-D(-A)	T-1S39-01-X	.1969[5.001] REF
-02	.2861[7.267]	.2781[7.064]	BTH-XXX-02-D(-A)	T-1S59-02-X	.3150[8.001] REF

THIS DESIGN HAS NOT BEEN APPROVED BY ENGINEERING DO NOT DISTRIBUTE THIS PRINT



-A: ALIGNMENT PIN OPTION SHOWN

- NOTES:
- ⊙ REPRESENTS A CRITICAL DIMENSION.
 - MINIMUM PUSHOUT FORCE: 6 OZ. FOR STYLES -01 & -02
8 OZ. FOR STYLES -03 THRU -09
 - MAXIMUM VARIANCE OF .002[.05].
 - LEAD STYLES -03 THRU -09: TOP BODY (BTH) CANNOT HAVE -A OPTION.
 - L PLATING CAN BE SUBSTITUTED FOR -F PLATING.



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:
 DECIMALS ANGLES
 .XX: ±.01[.3]
 .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: INSULATOR: BLACK LCP FLAMMABILITY RATING: UL 94V-O <input checked="" type="checkbox"/> TERMINAL: PHOS BRONZE	DO NOT SCALE DRAWING SHEET SCALE: 1.875:1	DESCRIPTION: .5mm DOUBLE ROW TERMINAL ASSEMBLY
F:\DWG\MISC\MKTG\BTH-XXX-XX-X-D-XX-MKT.SLDDRW		DWG. NO. BTH-XXX-XX-X-D-XX
		BY: DEAN P 5/28/1999 SHEET 1 OF 3

FIG. 2

-K: POLYAMIDE FILM PAD OPTION
[USE K-500-300]

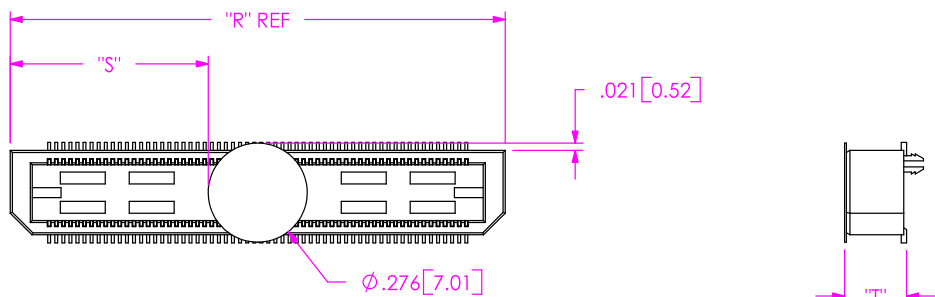


TABLE 3	
STYLE	"T"
-01	.173[4.39]
-02	.291[7.39]
-03	.409[10.39]
-04	.605[15.37]
-09	.527[13.39]

NOTE: "R" = (No OF POSITIONS x .01969[.5000]) + .1968[5.000]
"S" = (("R" - .276[7.01]) / 2) ±.020[.51]

PACKAGING VIEW

(PARTS TO HAVE POSITION #01 LOADED IN SAME DIRECTION AS ARROW)

[STYLES -01 & -02]	[STYLES -03, -04, & -09]	[STYLE -05]	[STYLE -06]
TUBE: PT-1-24-01-78 PLUG: TP-03	TUBE: PT-1-24-01-98 PLUG: TP-26	TUBE: PT-1-24-02-105 PLUG: TP-26	TUBE: PT-1-24-01-105 PLUG: TP-26

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SHEET SCALE: 1.875:1

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:
.5mm DOUBLE ROW TERMINAL ASSEMBLY

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

BY: DEAN P 5/28/1999 SHEET 2 OF 3

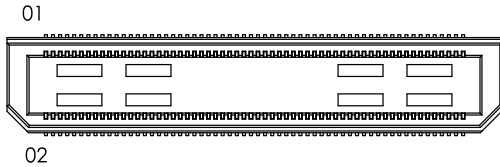


TABLE 4								MATED HEIGHT WITH BSH-01
STYLE	SEE FIGURE	"C" OVERALL HEIGHT	TERMINAL	TOP BODY (SEE NOTE 4) <input checked="" type="checkbox"/>	BOTTOM SPACER BODY (-LC OR NONE)	BOTTOM SPACER BODY (-A)		
-03	3	.4042 [10.267]	T-1S60-03-X	BTH-XXX-02-D	BTHH-XXX-01-D	BTHH-XXX-01-D-A	.433 [11.00] REF	
-04	3	.6000 [15.240]	T-1S60-04-X	BTH-XXX-02-D	BTHH-XXX-01-D	BTHH-XXX-01-D-A	.630 [16.00] REF	
-05	4	.7180 [18.237]	T-1S60-05-X	BTH-XXX-02-D	BTHH-XXX-03-D	BTHH-XXX-03-D-A	.748 [19.00] REF	
-06	4	.8360 [21.234]	T-1S60-06-X	BTH-XXX-02-D	BTHH-XXX-03-D	BTHH-XXX-03-D-A	.866 [22.00] REF	
-09	3	.5224 [13.269]	T-1S60-09-X	BTH-XXX-02-D	BTHH-XXX-01-D	BTHH-XXX-01-D-A	.551 [14.00] REF	

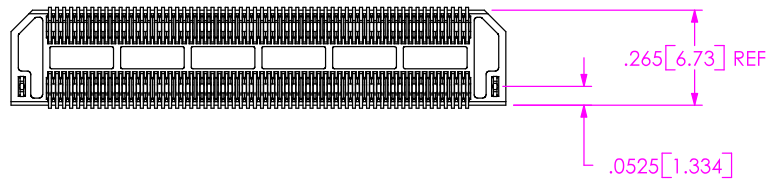
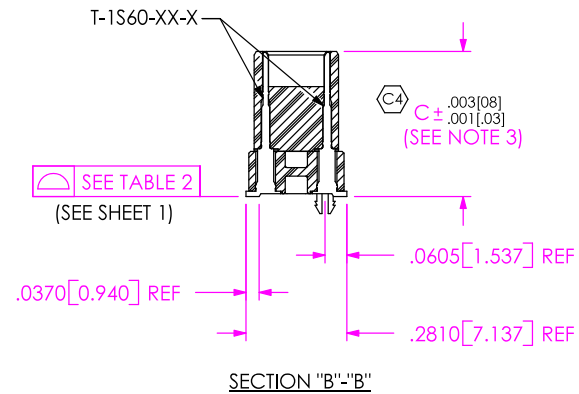
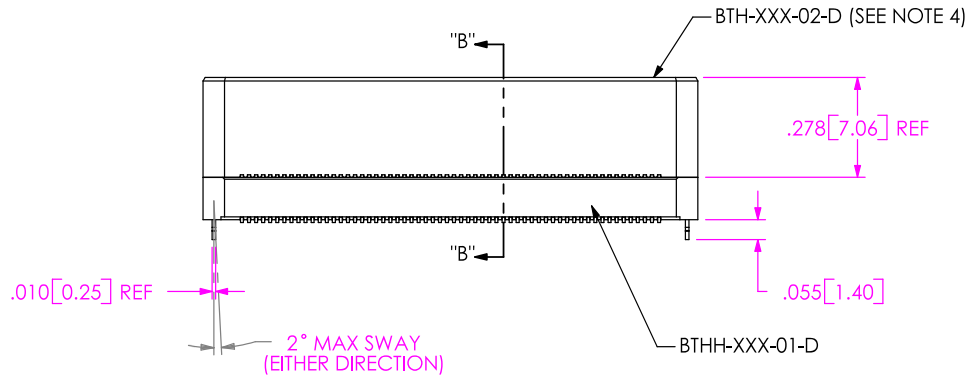


FIG. 3
 BTH-060-03-X-D-LC SHOWN
 (STYLES -03, -04, & -09)
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1)

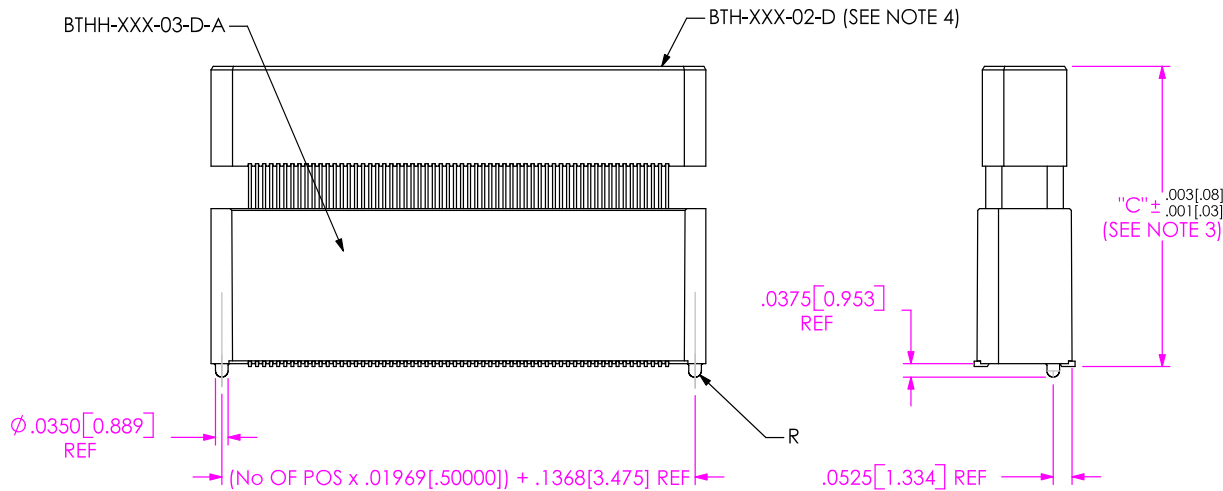


FIG. 4
 -A: ALIGNMENT PIN OPTION
 BTH-060-06-X-D-A SHOWN
 (STYLES -05 & -06)
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1)

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

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

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