

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), NOT
 TOOLED FOR -03 LEAD STYLE

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 (SEE NOTE 8)"
 (USE LC-08-TM-01)

-K: POLYIMIDE FILM
 (USE K-500-300, SEE FIG 2)
 (AVAILABLE ON STYLES -01
 THRU -04 & -09 ONLY)
 (SEE NOTE 6)

-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)

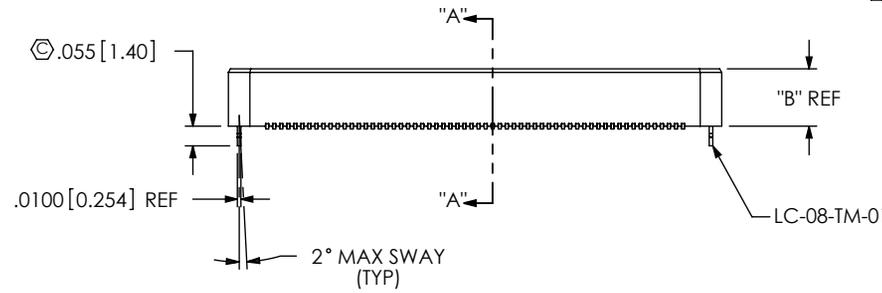
PLATING SPECIFICATION

-F: 3μ" SELECTIVE GOLD IN CONTACT
 AREA, MATTE TIN ON TAIL

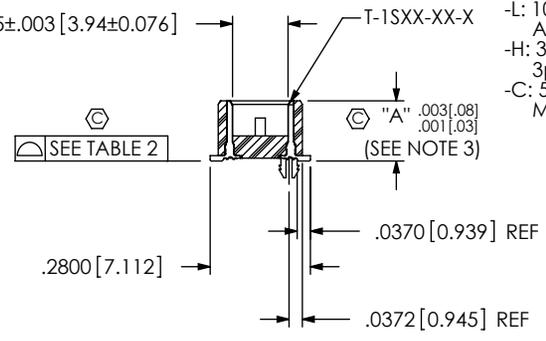
-L: 10μ" SELECTIVE GOLD IN CONTACT
 AREA, MATTE TIN ON TAIL

-H: 30μ" GOLD IN CONTACT AREA,
 3μ" GOLD ON TAIL

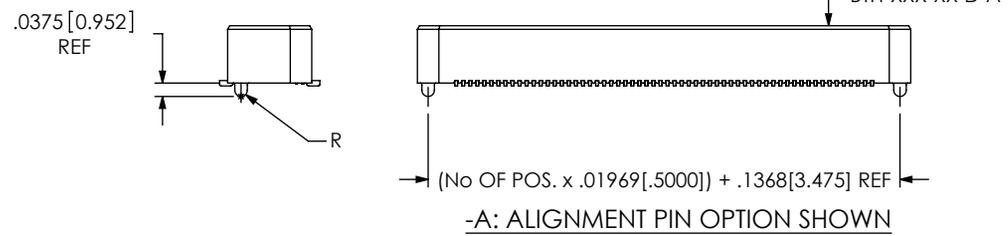
-C: 50μ" GOLD IN CONTACT AREA,
 MATTE TIN ON TAIL



-LC: LOCKING CLIP OPTION SHOWN



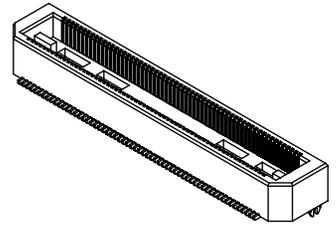
SECTION "A"- "A"



-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: .002[.05].
- LEAD STYLES -03 THRU -09: TOP BODY (BTH)
 CANNOT HAVE -A OPTION.
- L PLATING CAN BE SUBSTITUTED FOR -F PLATING.
- IF PART OPTION IS PACKAGED IN TRAY,
 USE K-DOT-276-.375-.005.
- FOR NEW APPLICATIONS REQUIRING THESE POSITIONS, PLEASE
 CONTACT SAMTEC INTERCONNECT PROCESSING GROUP.
- 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.
- PIN CAN EXTEND PAST THE WALL: .003 [.08].
- FEATURE PRESENT ONLY ON -01 LEAD STYLE.

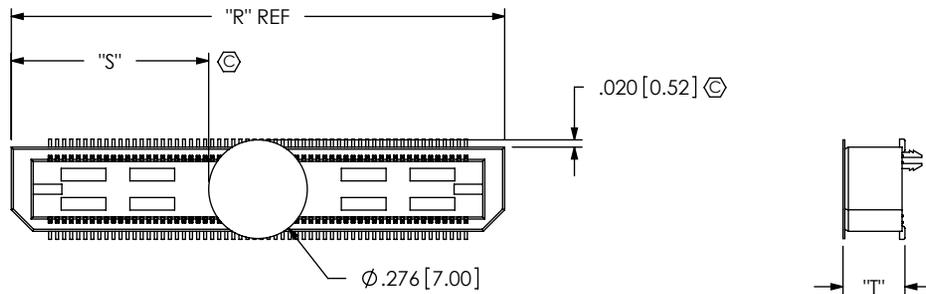


NO. OF POSITIONS	COPLANARITY
-030 THRU -090	.004[.10]
-120 THRU -150	.006[.15]

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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS ANGLES .XX: ±.01[.3] .XXX: ±.005[.13] .XXXX: ±.0020[.051]	PROPRIETARY NOTE THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.		
		520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail: info@SAMTEC.com code: 53322	
MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1:0.533333 DESCRIPTION: INSULATOR: BLACK LCP FLAMMABILITY RATING: UL 94V-0 TERMINAL: PHOS BRONZE		.5mm DOUBLE ROW TERMINAL ASSEMBLY DWG. NO. BTH-XXX-XX-X-D-XX	
F:\DWG\MISC\VKGT\BTH-XXX-XX-X-D-XX-MKT.SLDDRW		BY: DEAN P 5/28/1999 SHEET 1 OF 3	

FIG 2
 -K: POLYIMIDE FILM PAD OPTION
 [USE K-500-300]
 (SEE NOTE 6)



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

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

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 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

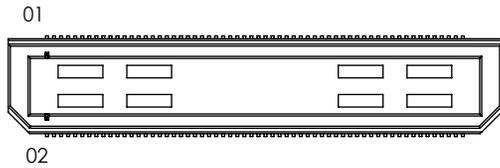


TABLE 4							
STYLE	SEE FIGURE	"C" OVERALL HEIGHT	TERMINAL	TOP BODY (SEE NOTE 4)	BOTTOM SPACER BODY (-LC OR NONE)	BOTTOM SPACER BODY (-A)	MATED HEIGHT WITH BSH-01
-03	3	.4042 [10.267]	T-1S60-03-X	BTH-XXX-02-D	BTHH-XXX-01-D	BTHH-XXX-01-D-A	.433 [11.00] REF
-04	3	.6000 [15.240]	T-1S60-04-X	BTH-XXX-02-D	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

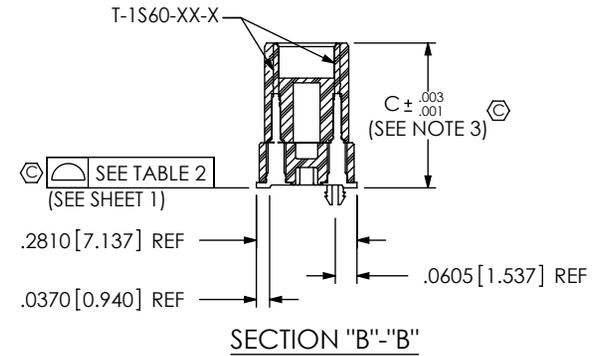
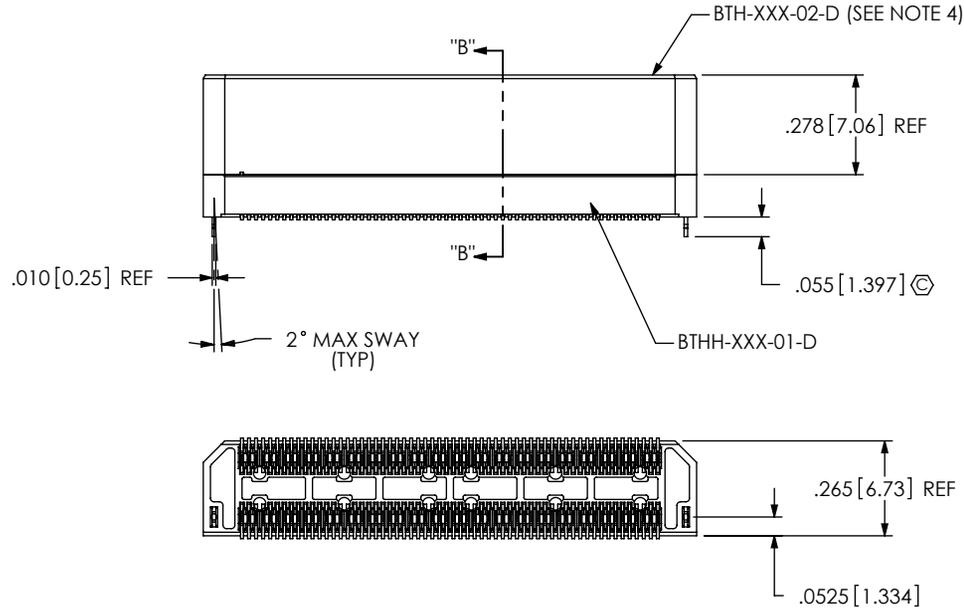


FIG 3
 BTH-060-03-X-D-LC SHOWN
 (STYLES -03, -04, & -09)
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

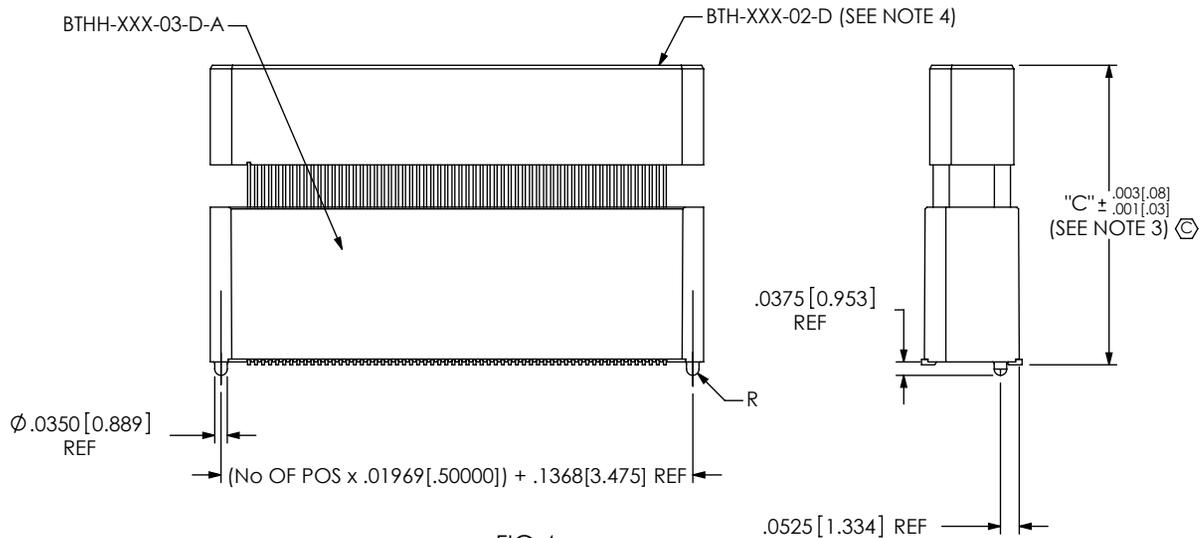


FIG 4
 -A: ALIGNMENT PIN OPTION
 BTH-060-06-X-D-A SHOWN
 (STYLES -05 & -06)
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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