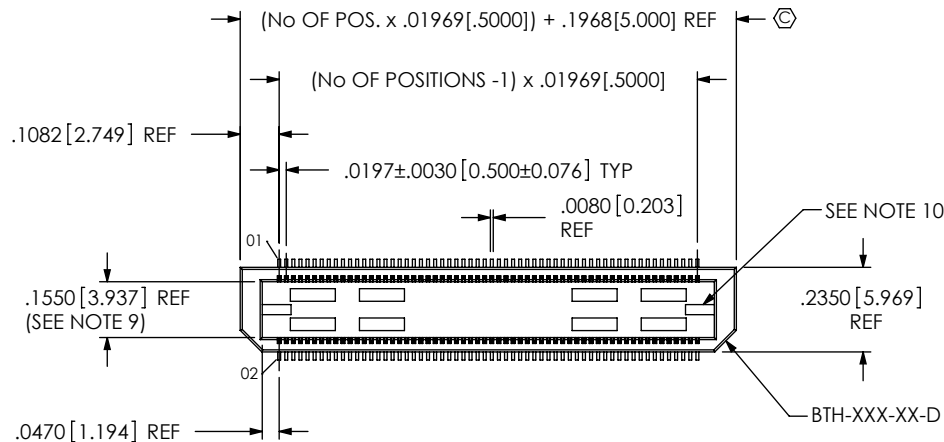


DO NOT
SCALE FROM
THIS PRINT



BTH-XXX-XX-X-D-XX

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

***SEE NOTE 7**

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-DOT-.276-.375-.005, 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)

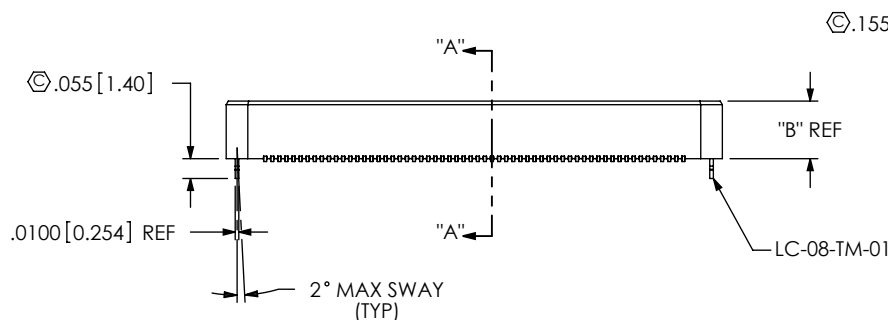
PLATING SPECIFICATION

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

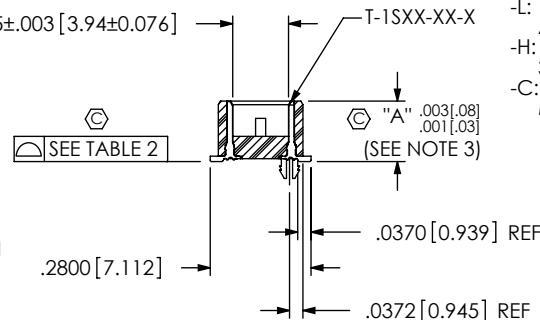
-L: 10μ" SELECTIVE GOLD IN CONTACT
AREA, MATTE TIN ON TAIL

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

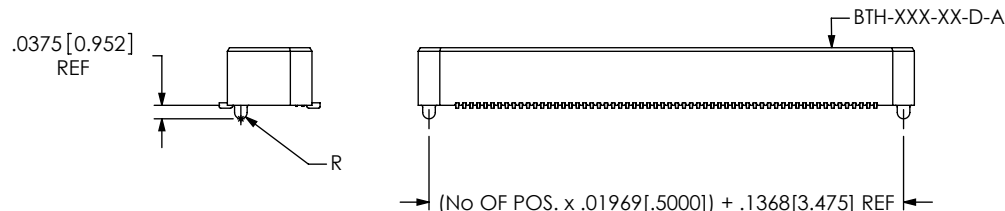
-C: 50μ" GOLD IN CONTACT AREA,
MATTE TIN ON TAIL



-LC: LOCKING CLIP OPTION SHOWN



SECTION "A"- "A"



-A: ALIGNMENT PIN OPTION SHOWN

NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: 6 OZ. FOR STYLES -01 & -02
8 OZ. FOR STYLES -03 THRU -09
3. MAXIMUM VARIANCE: .002[.05]
4. LEAD STYLES -03 THRU -09: TOP BODY (BTH)
CANNOT HAVE -A OPTION.
5. -L PLATING CAN BE SUBSTITUTED FOR -F PLATING.
6. NOTE DELETED.
7. FOR NEW APPLICATIONS REQUIRING THESE POSITIONS, PLEASE
CONTACT SAMTEC INTERCONNECT PROCESSING GROUP.
8. 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.
9. PIN CAN EXTEND PAST THE WALL: .003 [0.08].
10. FEATURE PRESENT ONLY ON -01 LEAD STYLE.

TABLE 2	
NO. OF POSITIONS	COPLANARITY
-030 THRU -090	.004[.10]
-120 THRU -150	.006[.15]

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

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: DO NOT SCALE DRAWING

SHEET SCALE: 1:0.5333 DESCRIPTION:

INSULATOR: BLACK LCP
FLAMMABILITY RATING: UL 94V-0

TERMINAL: PHOS BRONZE

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

.5mm DOUBLE ROW TERMINAL ASSEMBLY

DWG. NO.

BTH-XXX-XX-X-D-XX

BY: DEAN P

5/28/1999

SHEET 1 OF 3

FIG 2
-K: POLYIMIDE FILM PAD OPTION

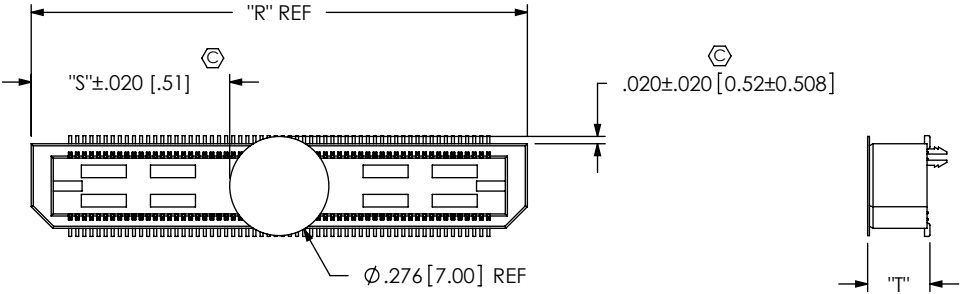


TABLE 3	
STYLE	"T"
-01	.173[4.39]
-02	.291[7.39]
-03	.409[10.39]
-04	.605[15.37]
-09	.527[13.39]

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

PACKAGING VIEW (PARTS TO HAVE POSITIOIN #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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	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

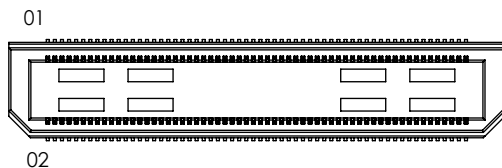


TABLE 4							
STYLE	SEE FIGURE	"C" OVERALL HEIGHT	TERMINAL	TOP BODY (SEE NOTE 4)	BOTTOM SPACER BODY (-LC OR NONE)	BOTTOM SPACER BODY (-A)	MATED HEIGHT WITH BSH-01
-03	3	.4042 [10.267]	T-1S60-03-X	BTH-XXX-02-D	BTHH-XXX-01-D	BTHH-XXX-01-D-A	.433 [11.00] REF
-04	3	.6000 [15.240]	T-1S60-04-X	BTH-XXX-02-D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

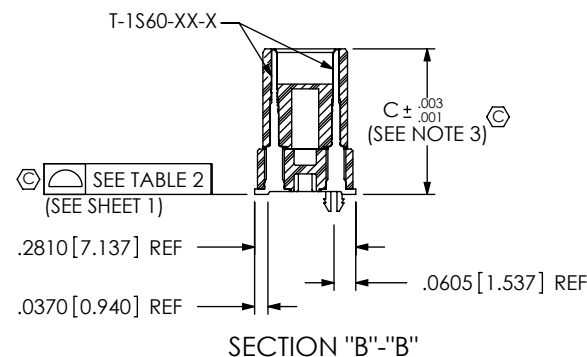
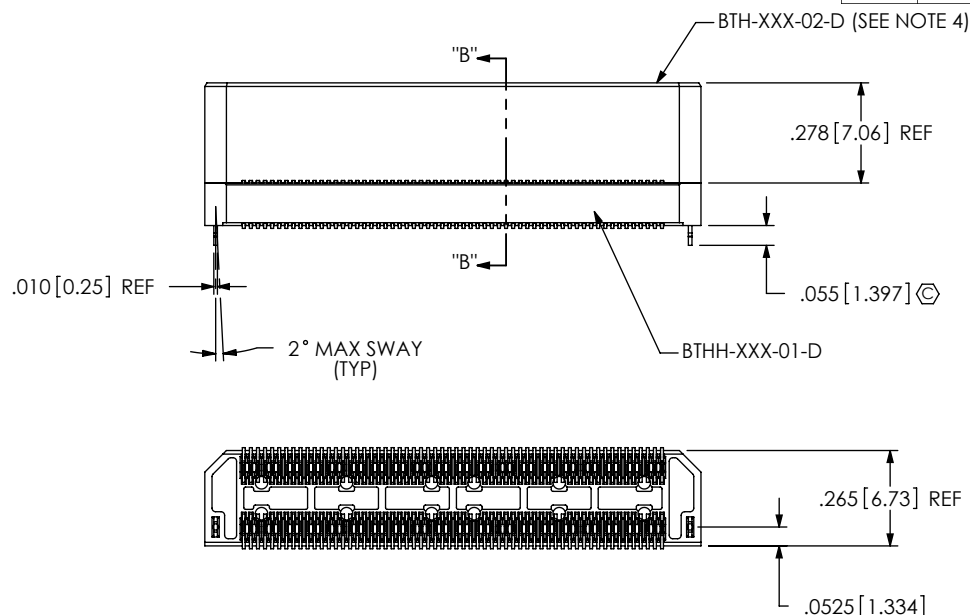


FIG 3
BTH-060-03-X-D-LC SHOWN
(STYLES -03, -04, & -09)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

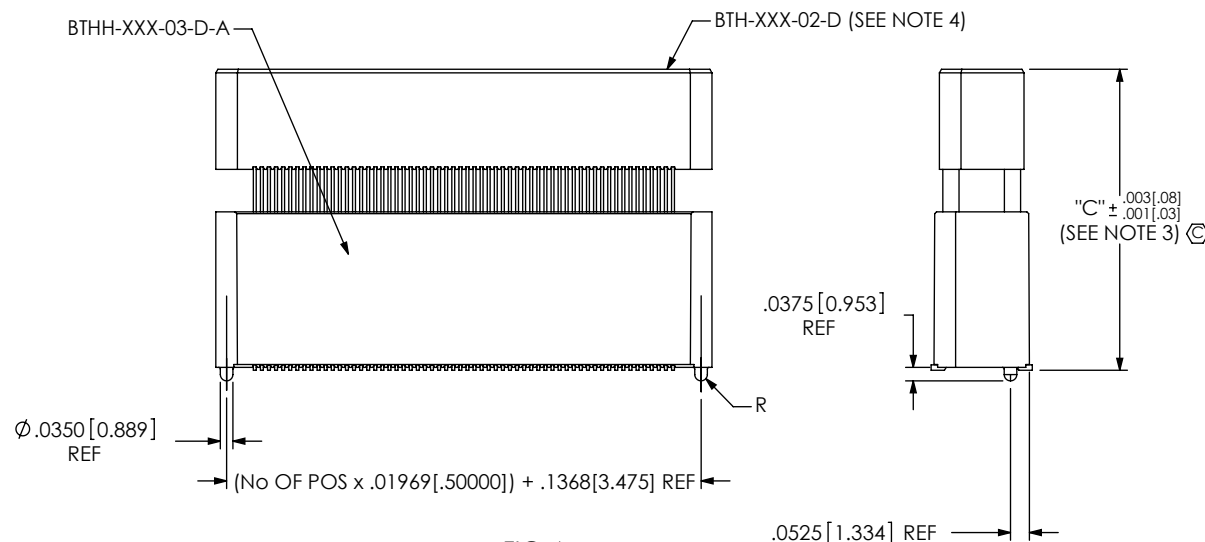


FIG 4
-A: ALIGNMENT PIN OPTION
BTH-060-06-X-D-A SHOWN
(STYLES -05 & -06)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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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 3 OF 3