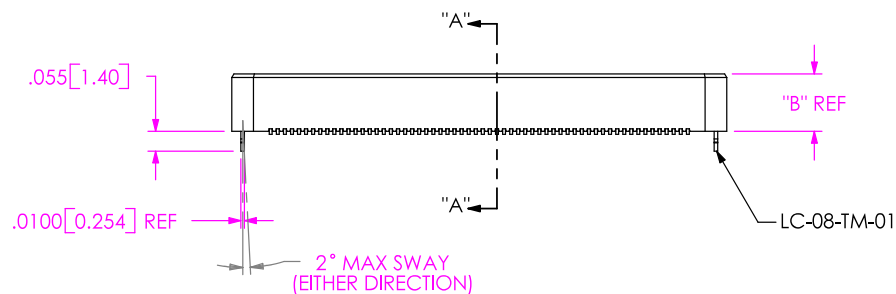
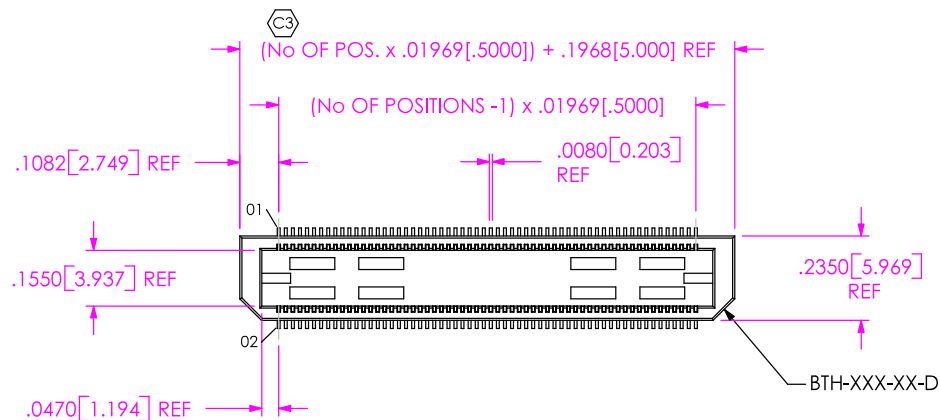
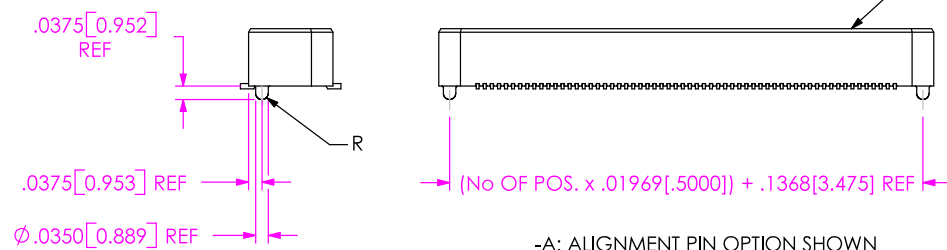
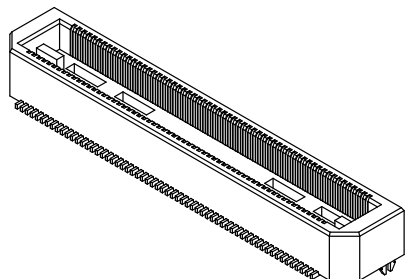


DO NOT
SCALE FROM
THIS PRINT

-LC: LOCKING CLIP OPTION SHOWN



-A: ALIGNMENT PIN OPTION SHOWN



NOTES:

- ③ 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.

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

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

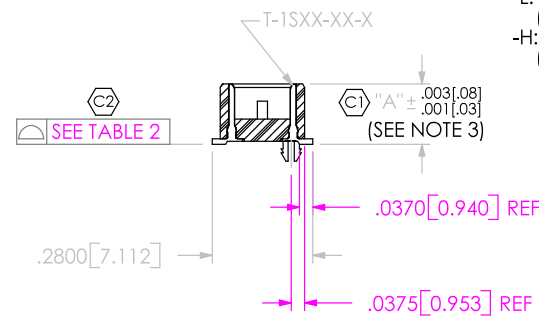
- A: ALIGNMENT PINS
(USE BTH-XXX-XX-D-A FOR
STYLES -01 & -02) (FOR STYLES
-03 THRU -09, SEE TABLE 4 &
FIG. 4, SHEET 3)
- LC: LOCKING CLIPS
(USE LC-08-TM-01)
- K: POLYAMIDE FILM
(USE K-500-300, SEE FIG. 2)
(AVAILABLE ON STYLES -01
THRU -04 & -09 ONLY)
- TR: TAPE & REEL (120 POS MAX)
[N/A ON -05 THRU -06]

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)



SECTION "A"- "A"

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-XXX01-D(-A)	T-1S39-01-X	$.1969[5.001]$ REF
-02	$.2861[7.267]$	$.2781[7.064]$	BTH-XXX02-D(-A)	T-1S59-02-X	$.3150[8.001]$ REF

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES
.XX: $\pm .01[.3]$ 2°
.XXX: $\pm .005[.13]$
.XXXX: $\pm .0020[.051]$

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MATERIAL: DO NOT SCALE DRAWING

INSULATOR: BLACK LCP
FLAMMABILITY RATING: UL 94V-O ☒

TERMINAL: PHOS BRONZE

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

SHEET SCALE: 1.875:1

DESCRIPTION:

.5mm DOUBLE ROW TERMINAL ASSEMBLY

DWG. NO.

BTH-XXX-XX-X-D-XX

BY: DEAN P

5/28/1999

SHEET 1 OF 3

SAMTEC

520 PARK EAST BLVD, NEW ALBANY, IN 47150
* PHONE: 812.944.6733 FAX: 812.948.5047
e-Mail: INFO@SAMTEC.COM CODE: 55322

FIG. 2
-K: POLYAMIDE FILM PAD OPTION
[USE K-500-300]

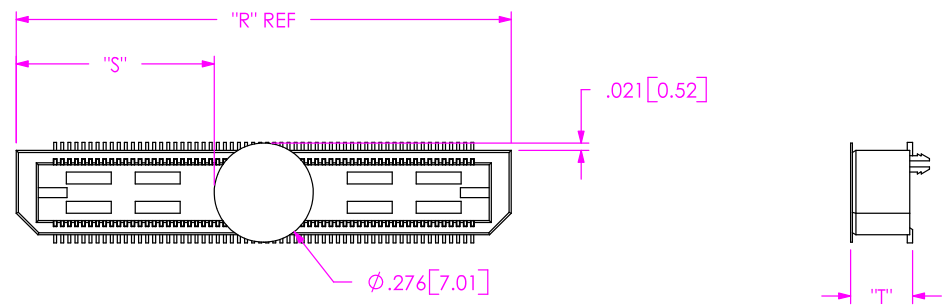
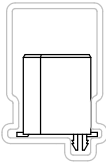
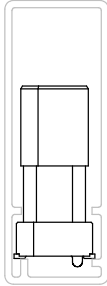
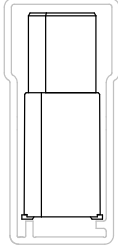
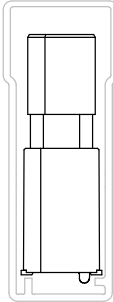


TABLE 3	
STYLE	"T"
-01	.173[4.39]
-02	.291[7.39]
-03	.409[10.39]
-04	.605[15.37]
-09	.527[13.39]

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

PACKAGING VIEW (PARTS TO HAVE 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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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

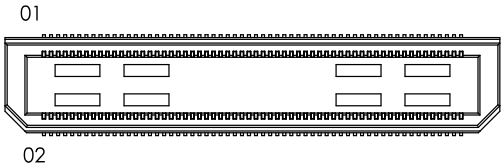


TABLE 4							MATED HEIGHT WITH BSH-01
STYLE	SEE FIGURE	"C" OVERALL HEIGHT	TERMINAL	TOP BODY (SEE NOTE 4) ☒	BOTTOM SPACER BODY (-LC OR NONE)	BOTTOM SPACER BODY (-A)	
-03	3	.4042 [10.267]	T-1S60-03-X	BTH-XXX-02-D	BTHH-XXX-01-D	BTHH-XXX-01-D-A	.433 [11.00] REF
-04	3	.6000 [15.240]	T-1S60-04-X	BTH-XXX-02-D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

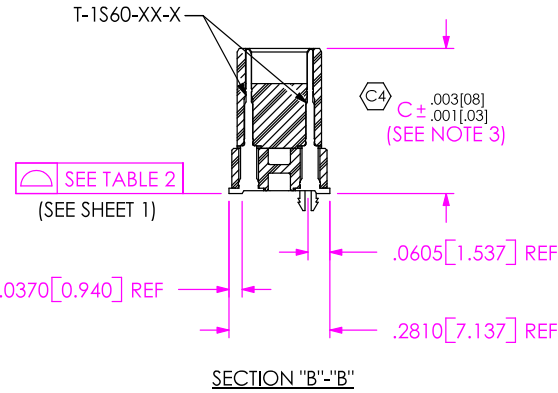
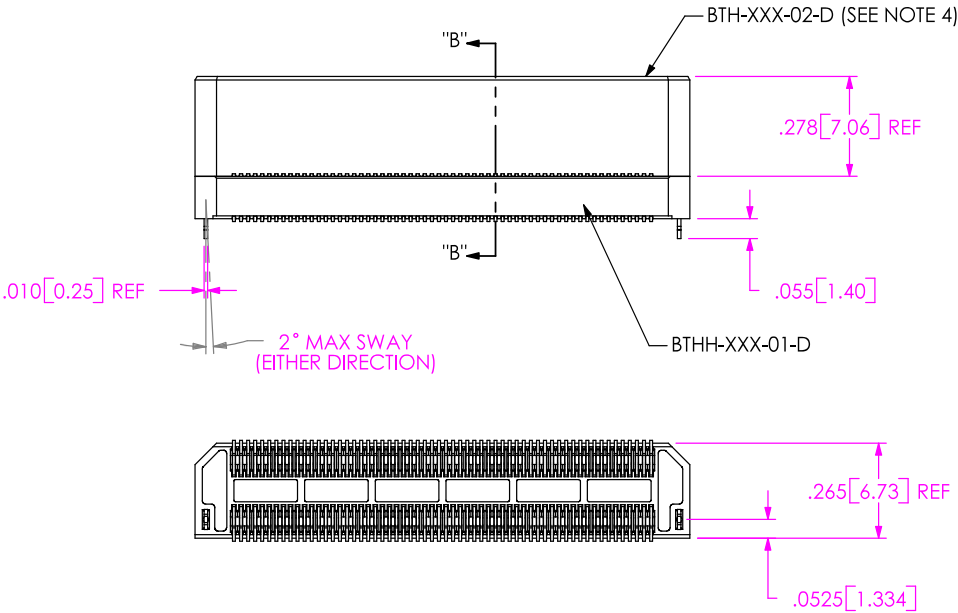


FIG. 3
BTH-060-03-X-D-LC SHOWN
(STYLES -03, -04, & -09)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1)

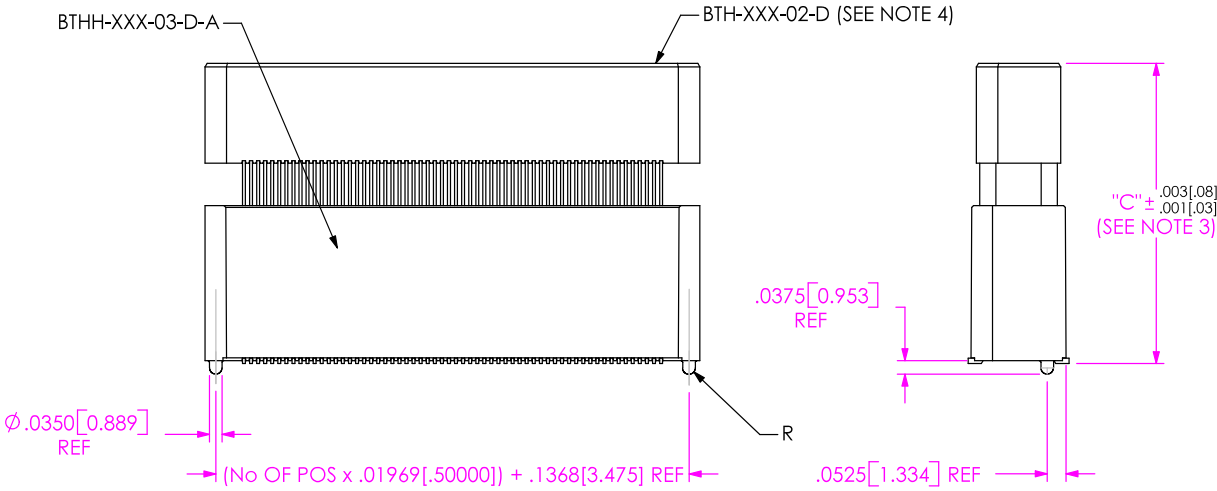


FIG. 4
-A: ALIGNMENT PIN OPTION
BTH-060-06-X-D-A SHOWN
(STYLES -05 & -06)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1)

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

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