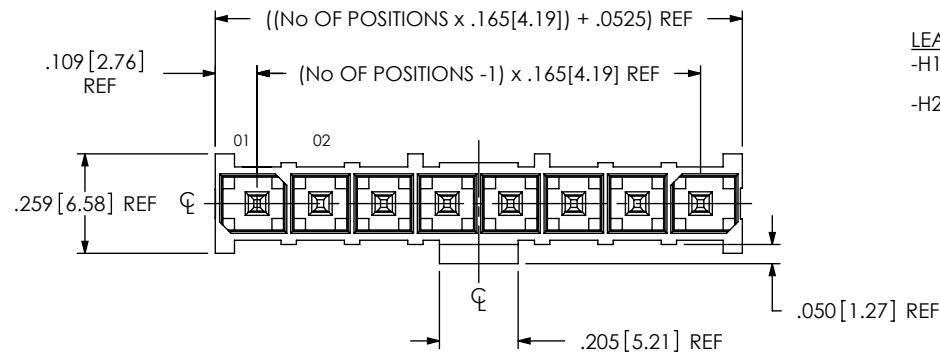


DO NOT  
SCALE FROM  
THIS PRINT



**IPBT-1XX-XX-XX-S-XX**

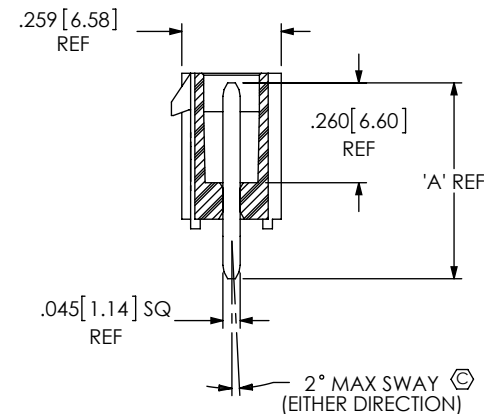
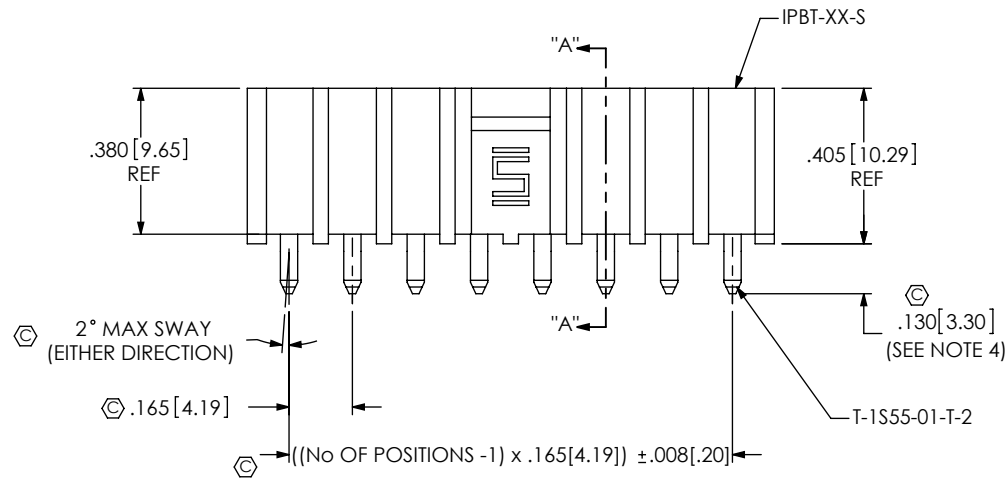
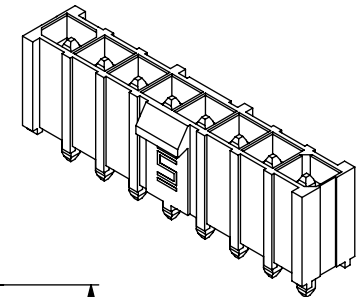
**No OF POSITIONS**  
-02 THRU -10

**LEAD STYLE**  
-H1: HIGH POWER, THRU HOLE (USE T-1S55-XX-XX-2)  
-H2: HIGH POWER, SURFACE MOUNT (USE T-1S55-XX-XX-2)

**PLATING SPECIFICATION**  
-T: MATTE TIN CONTACT AND TAIL (USE T-1S55-XX-T-2)  
-TM: MATTE TIN CONTACT AND TAIL (USE T-1S55-XX-T-2)

**OPTION**  
-RA: RIGHT ANGLE (SEE FIG 2, SHT 2) [STYLE -H2 NOT AVAILABLE]  
-GP: GUIDE POSTS (USE IPBT-XX-S-GP, SEE FIG 4, SHT 3)  
\*-K: KEYED POLARIZATION (USE IPBT-XX-S-K) (SEE FIG 5, SHT 2) (NOT AVAILABLE W/-GP OPTION)  
\*(LEAVE BLANK FOR NO KEYED OPTION. SAMTEC WILL ONLY SUPPORT EXISTING BUSINESS AS OF REV F.)

**ROW SPECIFICATION**  
-S: SINGLE (USE IPBT-XX-S)




SECTION "A"- "A"

NOTES:

1.  $\text{⌀}$  REPRESENTS A CRITICAL DIMENSION.
2. PARTS TO BE MOLDED TO POSITION.
3. MINIMUM TERMINAL RETENTION: 1 LB[4.45 N].
4. POST MUST BE WITHIN  $.005[.13]$  OF EACH OTHER.
5. PARTS TO BE TUBE PACKAGED, SEE PACKAGING VIEWS SHT 3.

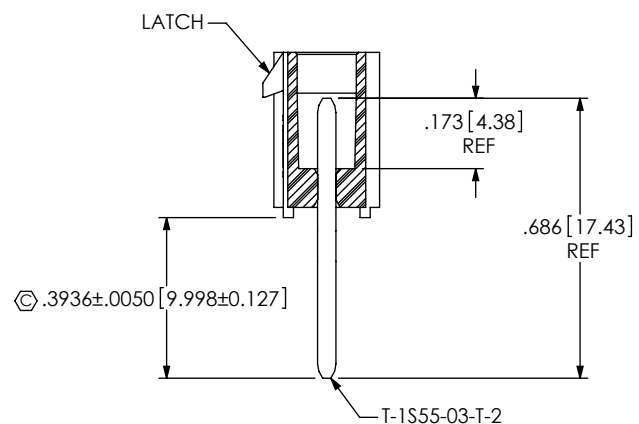
FIG 1  
IPBT-108-H1-XX-S SHOWN

TABLE 1			
PART NUMBER	BODY	TERMINAL	"A" REF
IPBT-1XX-H1-XX-S	IPBT-XX-S	T-1S55-01-T-2	.5100
IPBT-1XX-H2-XX-S	IPBT-XX-S	T-1S55-02-T-2	.6071
IPBT-1XX-H1-XX-S-RA	IPBT-XX-S	T-1S55-03-T-2	.6861
IPBT-1XX-H1-XX-S-RA-GP	IPBT-XX-S-GP	T-1S55-03-T-2	.6861
IPBT-1XX-H1-XX-S-GP	IPBT-XX-S-GP	T-1S55-01-T-2	.5100
IPBT-1XX-H2-XX-S-GP	IPBT-XX-S-GP	T-1S55-02-T-2	.6071

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS ANGLES .XX: $\pm .01[.3]$ $\pm 2^\circ$ .XXX: $\pm .005[.13]$ .XXXX: $\pm .0020[.051]$		<b>PROPRIETARY NOTE</b> THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.	
<b>MATERIAL:</b> DO NOT SCALE DRAWING SHEET SCALE: 2:1 INSULATOR: LCP, UL 94 VO COLOR: BLACK TERMINAL: HIGH COPPER ALLOY		 520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail: info@SAMTEC.com code 55322	
DESCRIPTION: .165 SINGLE ROW TERMINAL ASSEMBLY		DWG. NO. <b>IPBT-1XX-XX-XX-S-XX</b>	
BY: KEVIN B 05/06/03		SHEET 1 OF 3	

F:\DWG\MISC\MKTG\IPBT-1XX-XX-XX-S-XX-MKT.SLDDRW

IN-PROCESS 1



IN-PROCESS 2

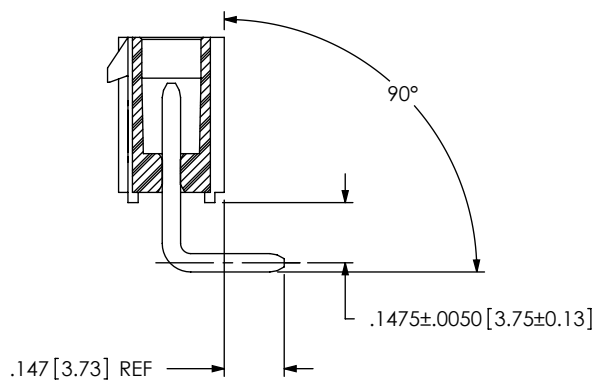


FIG 5

-K: POLARIZATION  
(IPBT-105-H1-XX-S-K SHOWN)  
(SAME AS FIG 1 UNLESS OTHERWISE STATED)

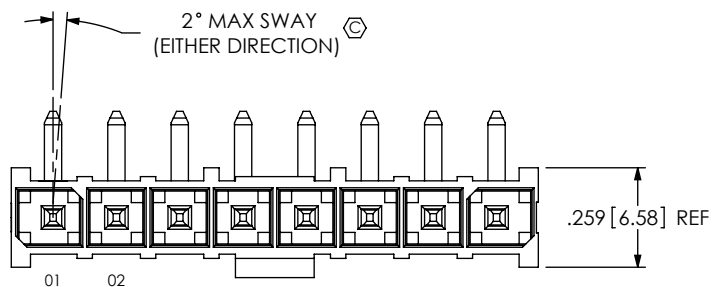
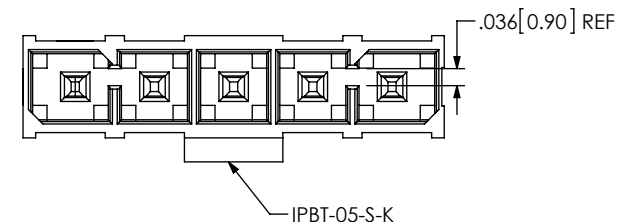
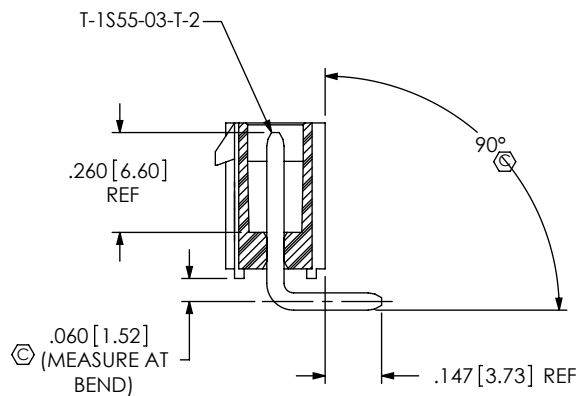
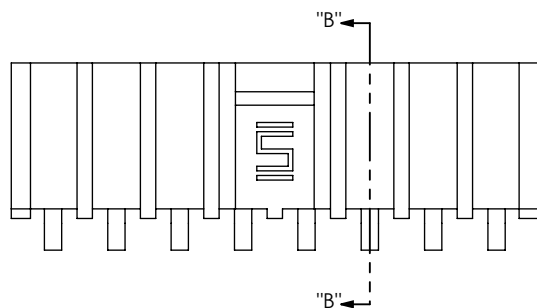
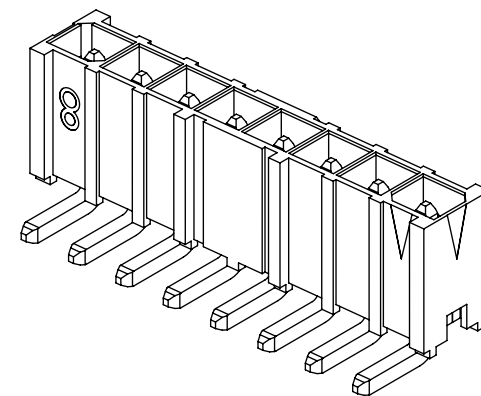


FIG 2

-RA: RIGHT ANGLE  
(IPBT-108-H1-XX-S-RA SHOWN)  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)  
(STYLE -H2 NOT AVAILABLE)



SECTION "B"-"B"



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**samtec**

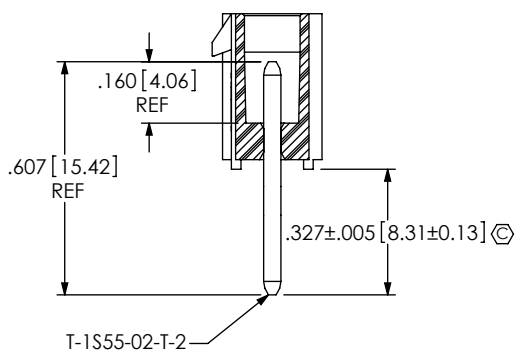
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:  
.165 SINGLE ROW TERMINAL ASSEMBLY

DWG. NO.  
**IPBT-1XX-XX-XX-S-XX**

BY: KEVIN B 05/06/03 SHEET 2 OF 3

IN-PROCESS 1



IN-PROCESS 2

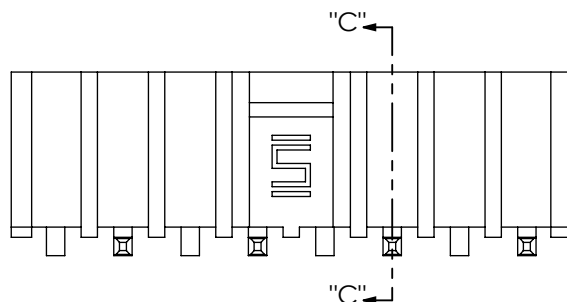
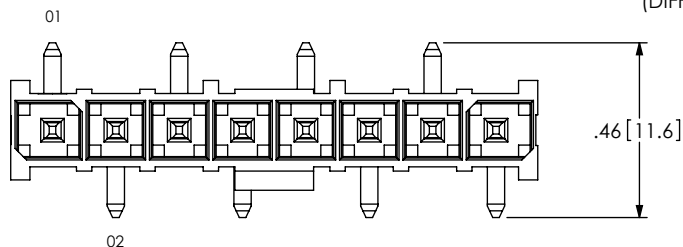
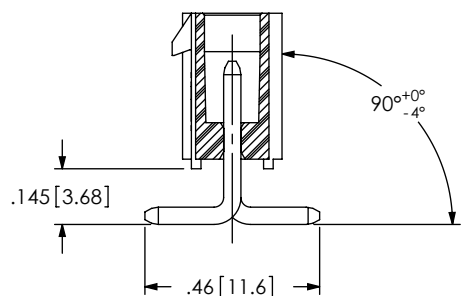
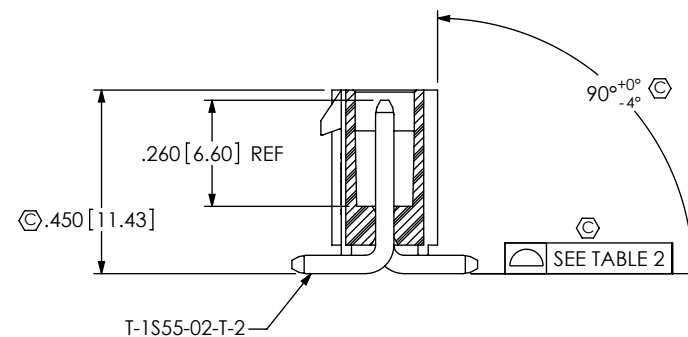
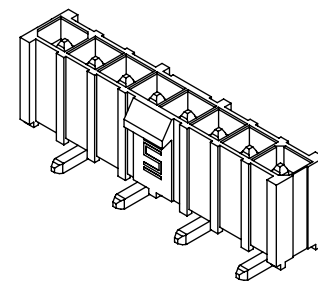


TABLE 2	
No OF POSITIONS	COPLANARITY
-02 THRU -08	.004 [.10]
-09 & -10	.006 [.15]

FIG 3

STYLE -H2: SURFACE MOUNT  
(IPBT-108-H2-XX-S SHOWN)  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

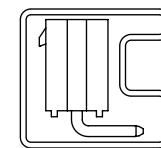


SECTION "C"-"C"

PACKAGING VIEW

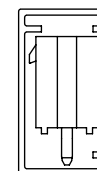
[PARTS TO HAVE POSITION #1 LOADED IN  
SAME DIRECTION AS ARROW ON TUBE]

RIGHT ANGLE



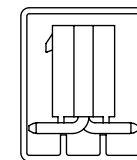
TUBE: PT-1-24-01-40  
PLUG: TP-13

THROUGH HOLE



TUBE: PT-1-24-06-51  
PLUG: TP-07

SURFACE MOUNT

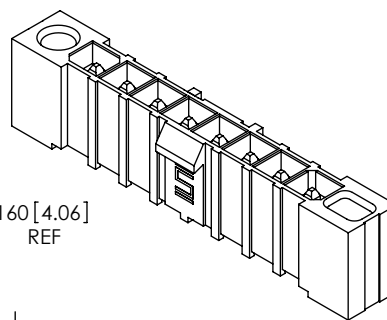
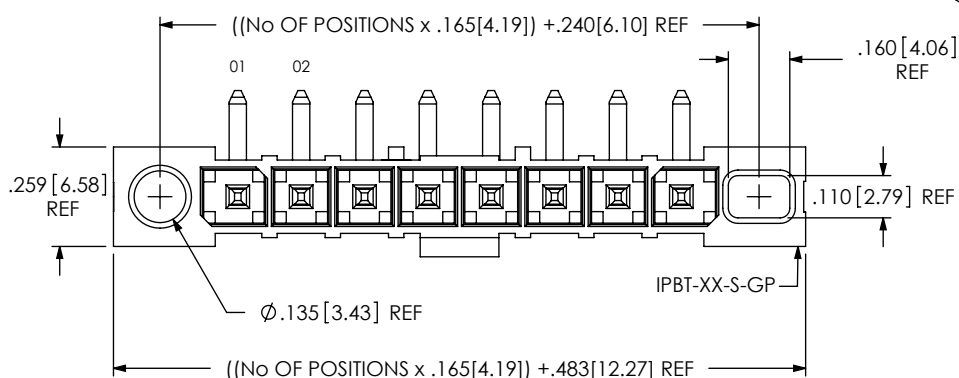


TUBE: PT-1-24-01-58  
PLUG: TP-13

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FIG 4

-GP: GUIDE POSTS  
(IPBT-108-H1-XX-S-RA-GP SHOWN)  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1, 2 OR 3)  
(AVAILABLE WITH THROUGH HOLE, SURFACE MOUNT & -RA OPTION)



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DWG. NO. IPBT-1XX-XX-XX-S-XX

BY: KEVIN B 05/06/03 SHEET 3 OF 3