

DO NOT SCALE FROM THIS PRINT

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

No OF POSITIONS  
-02 THRU -10

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)

ROW SPECIFICATION

-S: SINGLE (USE IPBT-XX-S)

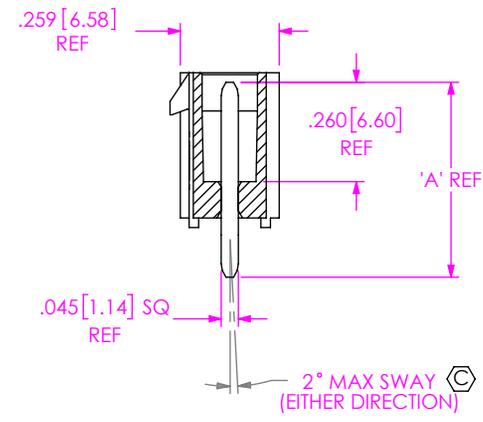
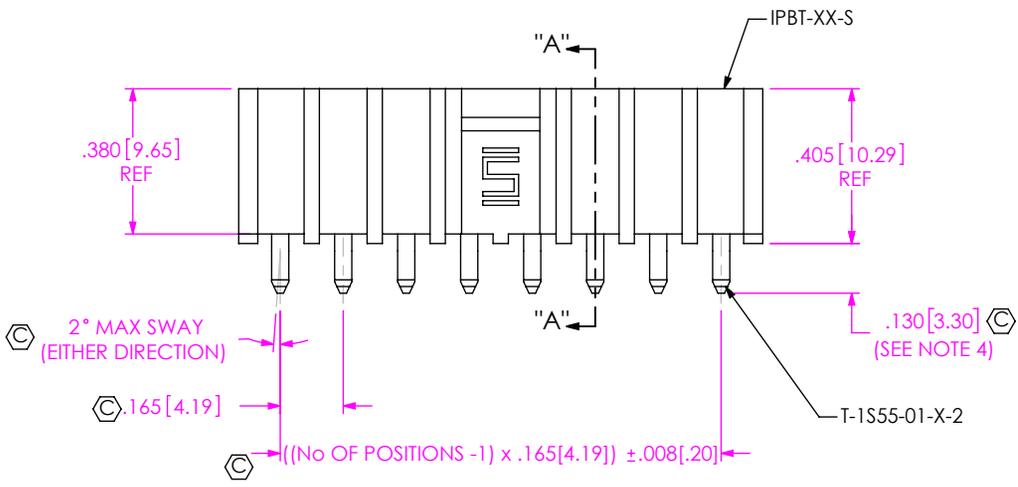
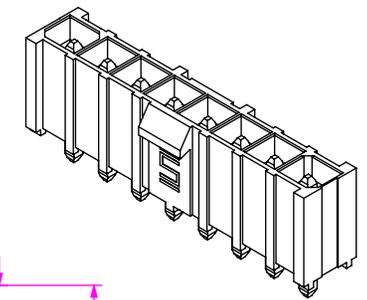
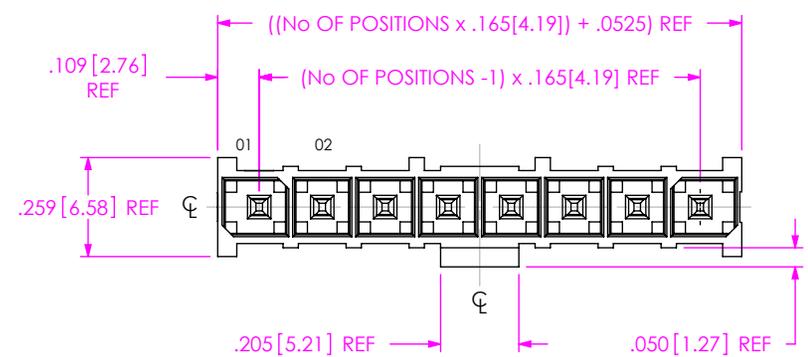
(\* = LEAVE BLANK FOR NO KEYED OPTION. SAMTEC WILL ONLY SUPPORT EXISTING BUSINESS AS OF REV F)

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)
- L: 10μ" GOLD ON CONTACT, TIN ON TAIL (USE T-1S55-XX-L-2)
- S: 30μ" GOLD ON CONTACT, TIN ON TAIL (USE T-1S55-XX-S-2)



NOTES:

- ⊕ REPRESENTS A CRITICAL DIMENSION.
- PARTS TO BE MOLDED TO POSITION.
- MINIMUM TERMINAL RETENTION: 1 LB[4.45 N].
- POST MUST BE WITHIN .005[.13] OF EACH OTHER.
- PARTS TO BE TUBE PACKAGED, SEE PACKAGING VIEWS SHT 3.
- THIS FEATURE NOT PRESENT ON -02-S AND -03-S POSITIONS. ONLY CORNER RIBS (4 PLCS) ARE PRESENT.
- ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.

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

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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:  
 DECIMALS: .XX: ±.01 [0.3]  
 .XXX: ±.005 [0.13]  
 .XXXX: ±.0020 [0.051]

ANGLES: 2°

MATERIAL: DO NOT SCALE DRAWING  
 INSULATOR: LCP, UL 94 VO COLOR: BLACK  
 TERMINAL: HIGH COPPER ALLOY

SHEET SCALE: 2:1

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F:\DWG\SW\Exisprod\Assembly\165\IPBT-1XX-XX-XX-S-XX-ASM.SLDDRW



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 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 1 OF 3

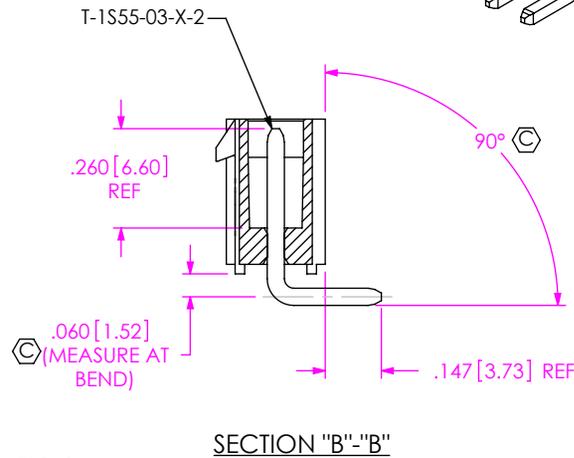
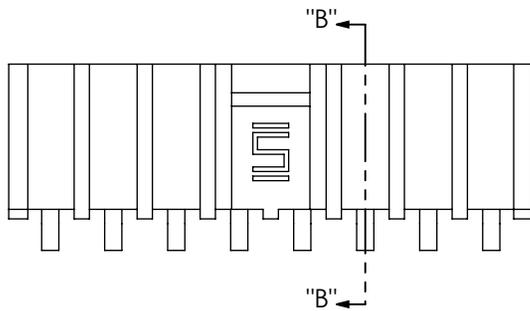
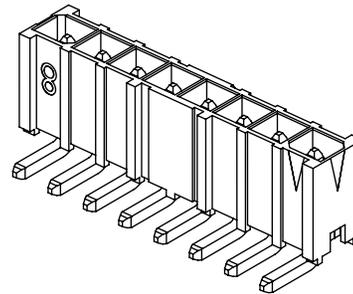
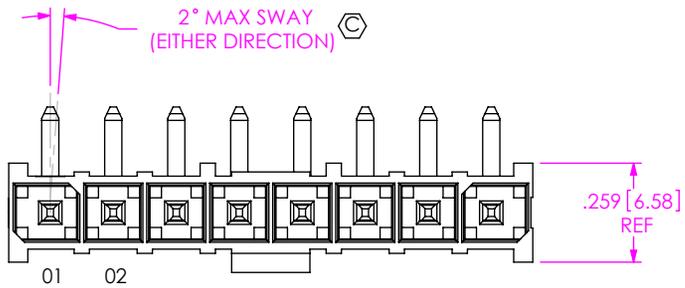
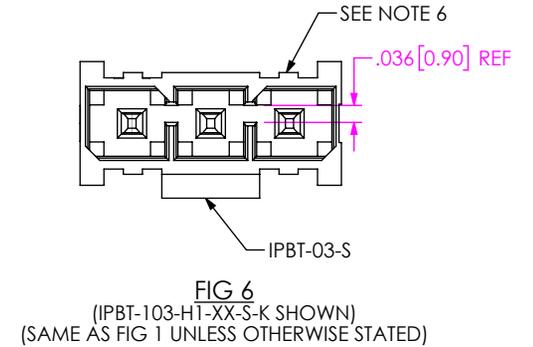
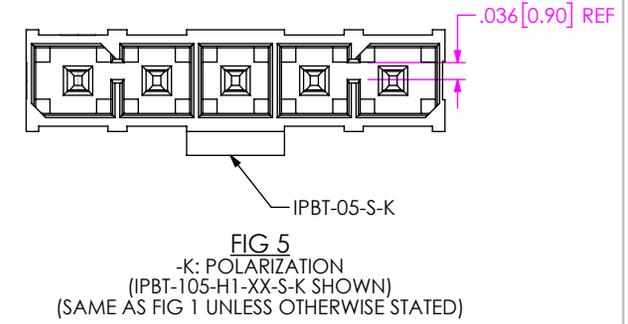
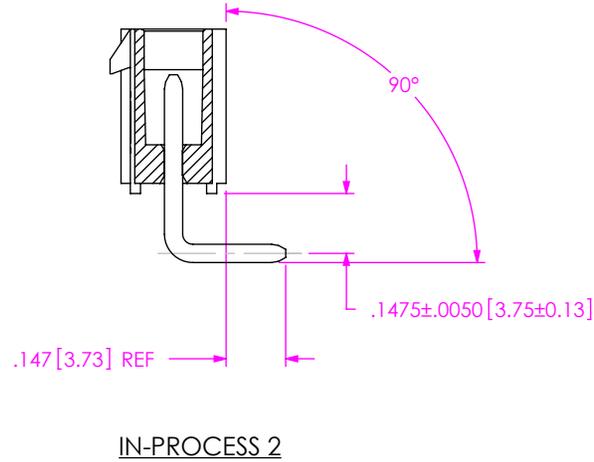
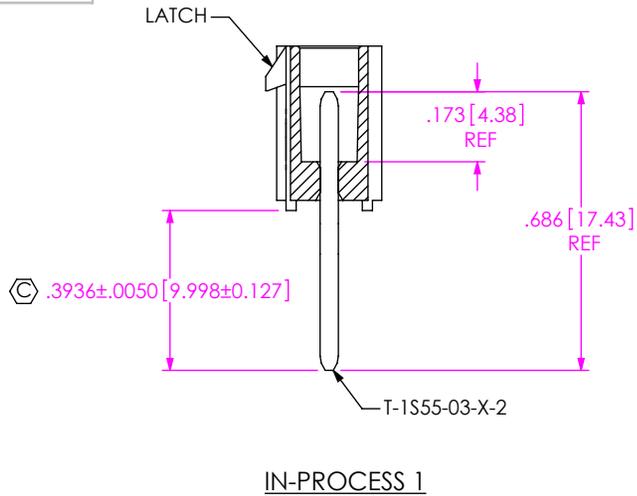


FIG 2  
-RA: RIGHT ANGLE  
(IPBT-108-H1-XX-S-RA SHOWN)  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)  
(STYLE -H2 NOT AVAILABLE)

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1

DESCRIPTION:  
.165 SINGLE ROW TERMINAL ASSEMBLY

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

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

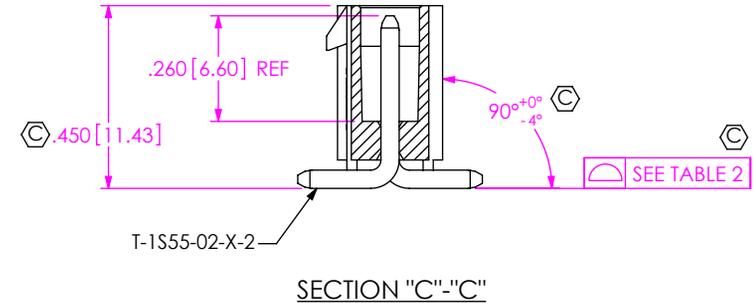
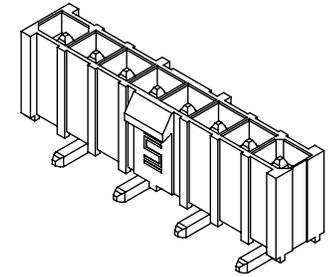
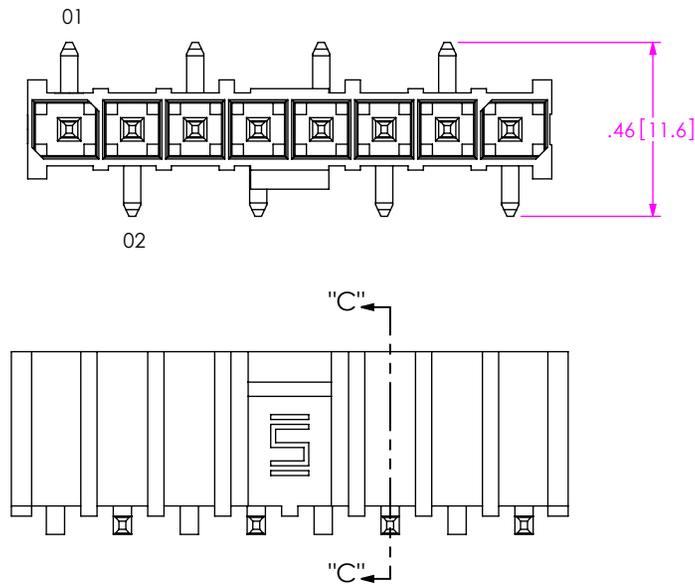
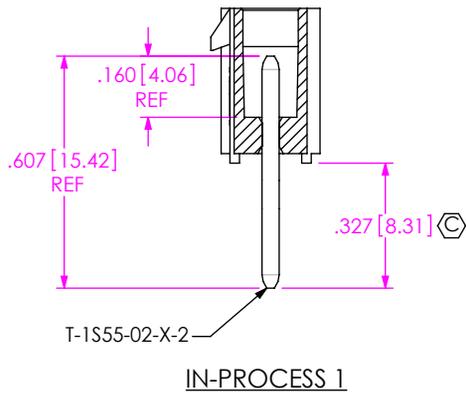


FIG 3  
STYLE -H2: SURFACE MOUNT  
(IPBT-108-H2-XX-S SHOWN)  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

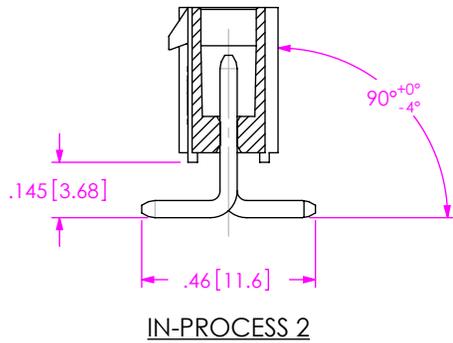


TABLE 2	
No OF POSITIONS	COPLANARITY
-02 THRU -08	.004[.10]
-09 & -10	.006[.15]

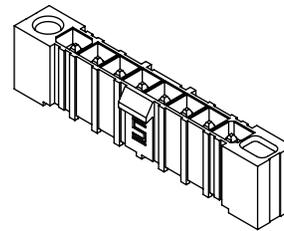
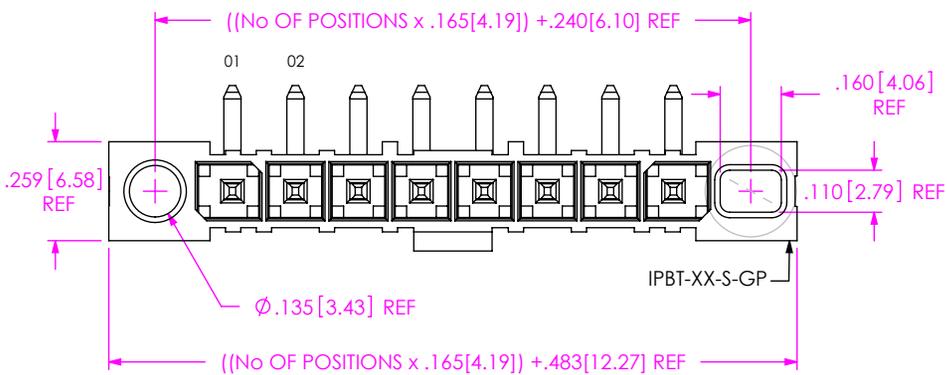
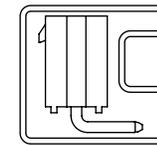
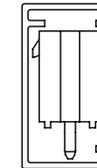


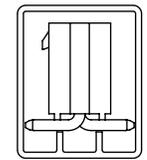
FIG 4  
-GP: GUIDE POSTS  
(IPBT-108-H1-XX-S-RA-GP SHOWN)  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1, 2 OR 3)  
(AVAILABLE WITH THROUGH HOLE, SURFACE MOUNT & -RA OPTION)



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

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

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