

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)

LEAD STYLE

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

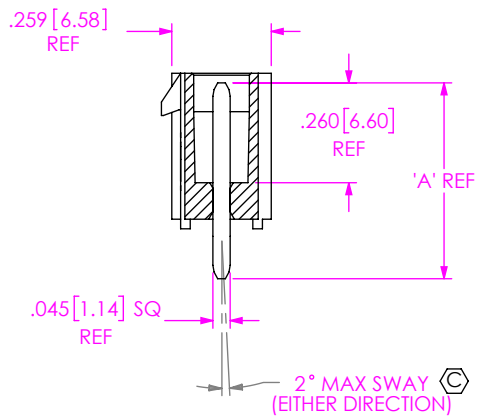
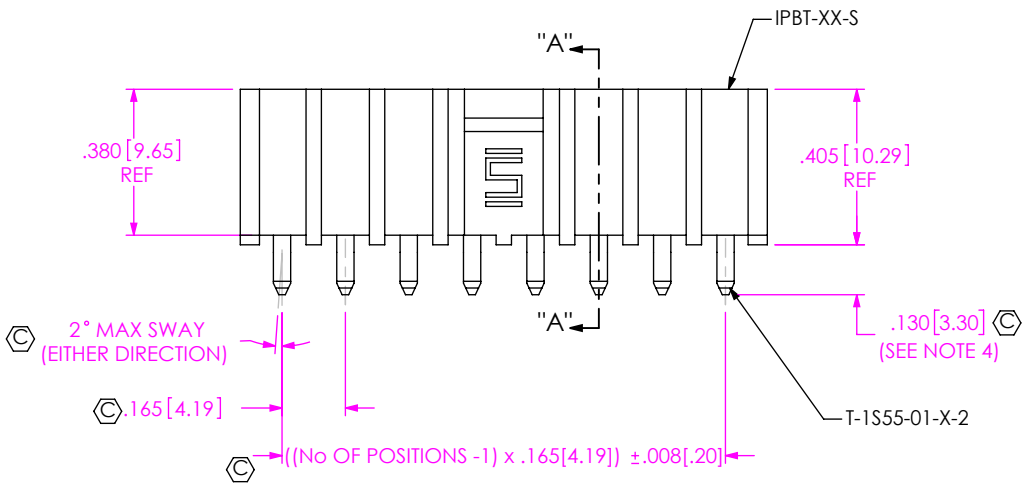
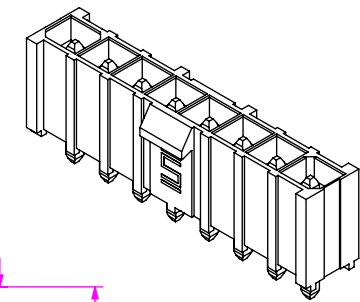
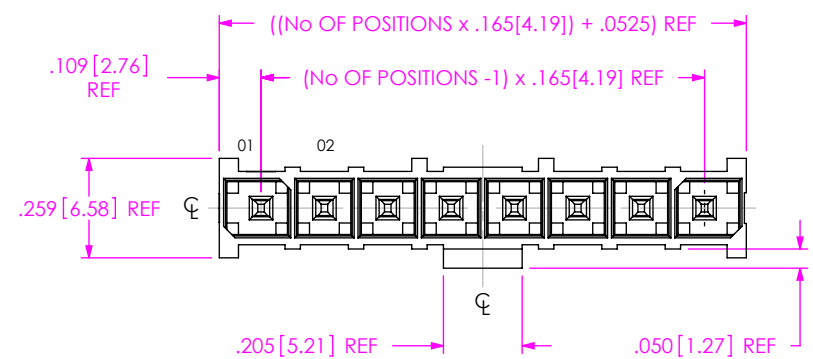
ROW SPECIFICATION

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

(* = LEAVE BLANK FOR NO KEYED OPTION. SAMTEC WILL ONLY SUPPORT EXISTING BUSINESS AS OF REV F)
(** = NOT RELEASED)

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 |

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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.

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

ANGLES: 2°

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1
INSULATOR: LCP, UL 94 VO COLOR: BLACK
TERMINAL: HIGH COPPER ALLOY

DESCRIPTION: .165 SINGLE ROW TERMINAL ASSEMBLY

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

BY: KEVIN B 05/06/03 SHEET 1 OF 3

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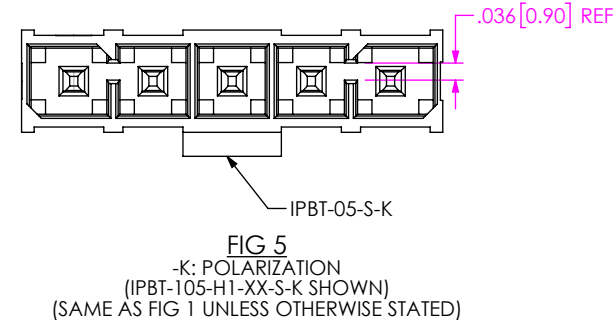
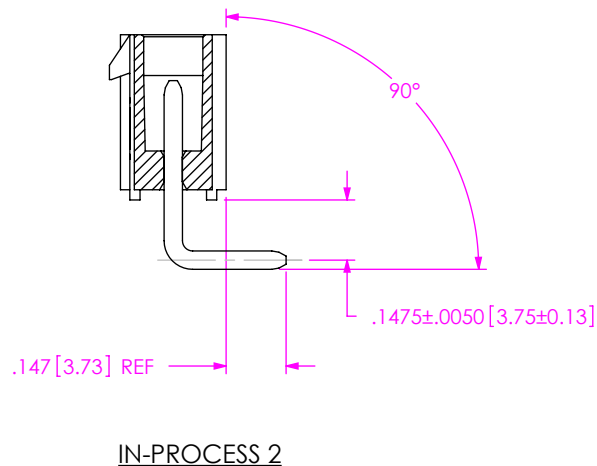
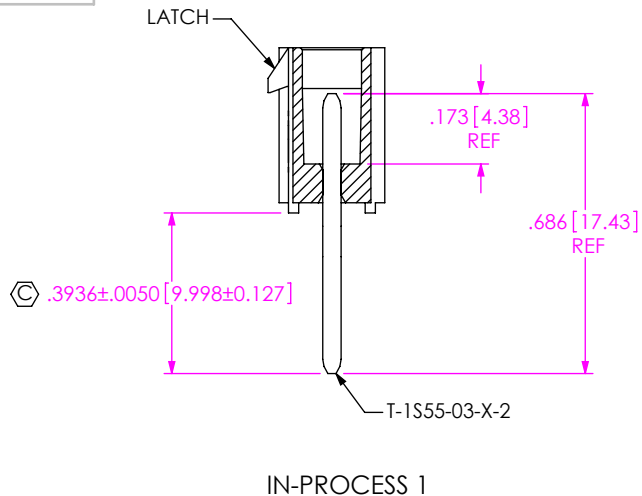


FIG 5
-K: POLARIZATION
(IPBT-105-H1-XX-S-K SHOWN)
(SAME AS FIG 1 UNLESS OTHERWISE STATED)

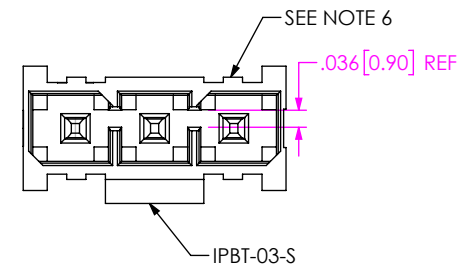


FIG 6
(IPBT-103-H1-XX-S-K SHOWN)
(SAME AS FIG 1 UNLESS OTHERWISE STATED)

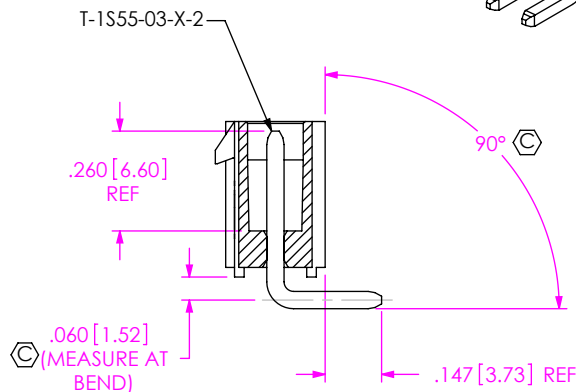
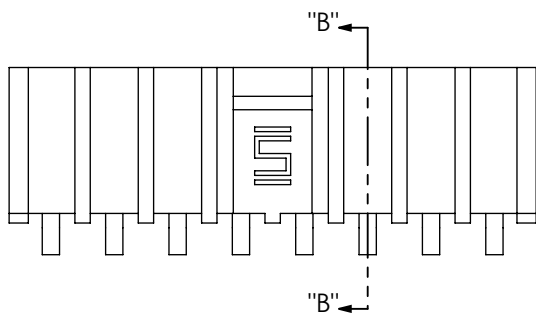
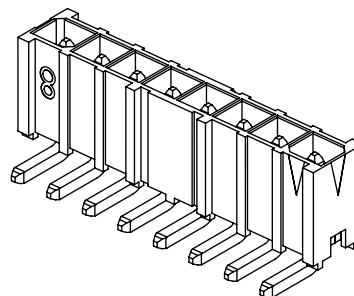
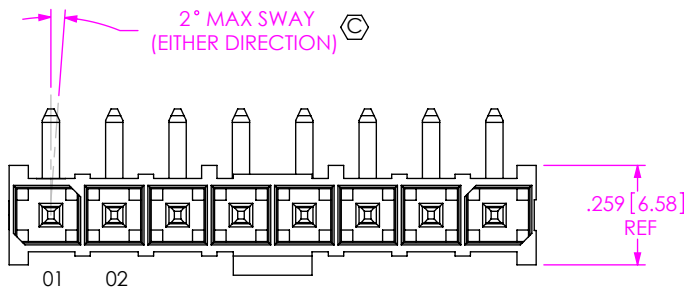


FIG 2
-RA: RIGHT ANGLE
(IPBT-108-H1-XX-S-RA SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(STYLE -H2 NOT AVAILABLE)

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1

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.165 SINGLE ROW TERMINAL ASSEMBLY

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

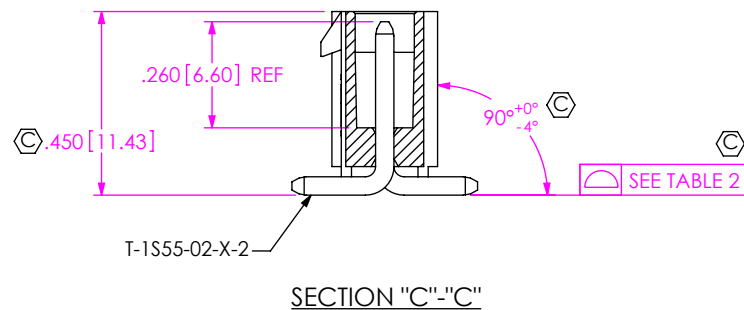
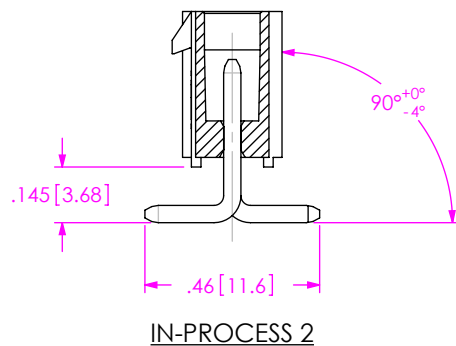
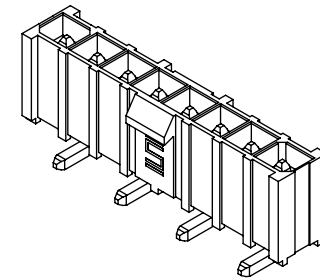
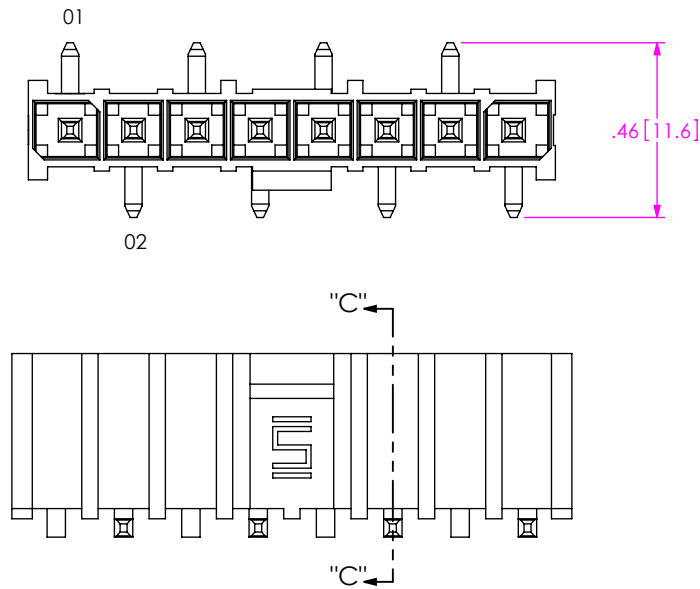
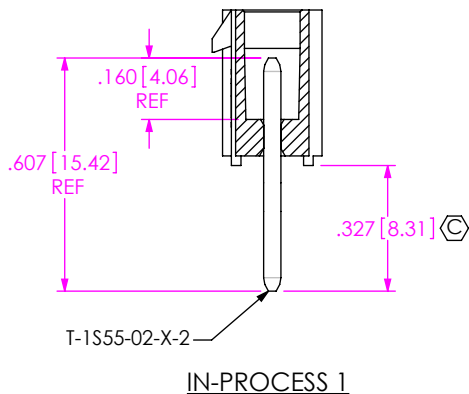


FIG 3
STYLE -H2: SURFACE MOUNT
(IPBT-108-H2-XX-S SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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

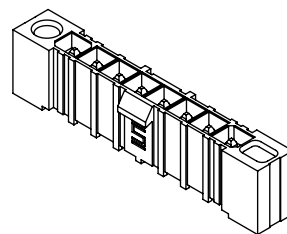
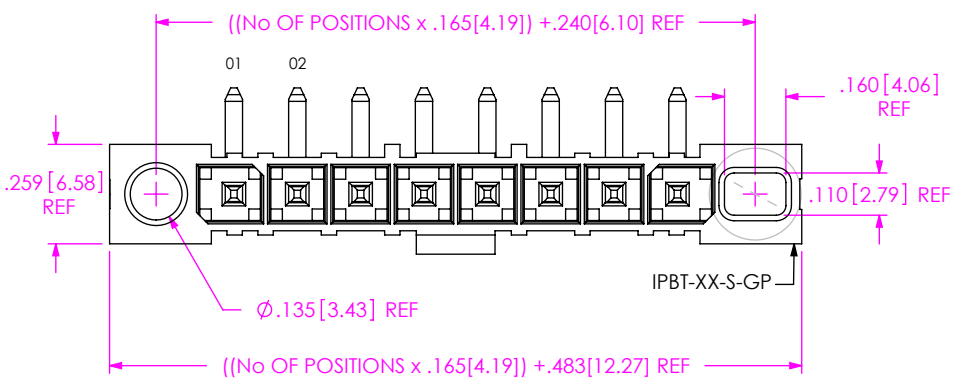
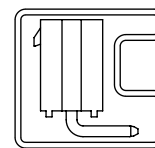
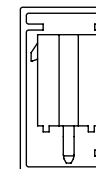


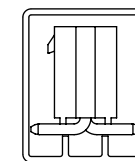
FIG 4
-GP: GUIDE POSTS
(IPBT-108-H1-XX-S-RA-GP SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1, 2 OR 3)
(AVAILABLE WITH THROUGH HOLE, SURFACE MOUNT & -RA OPTION)



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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