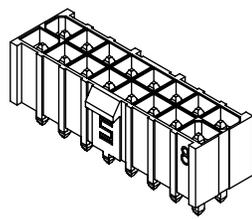
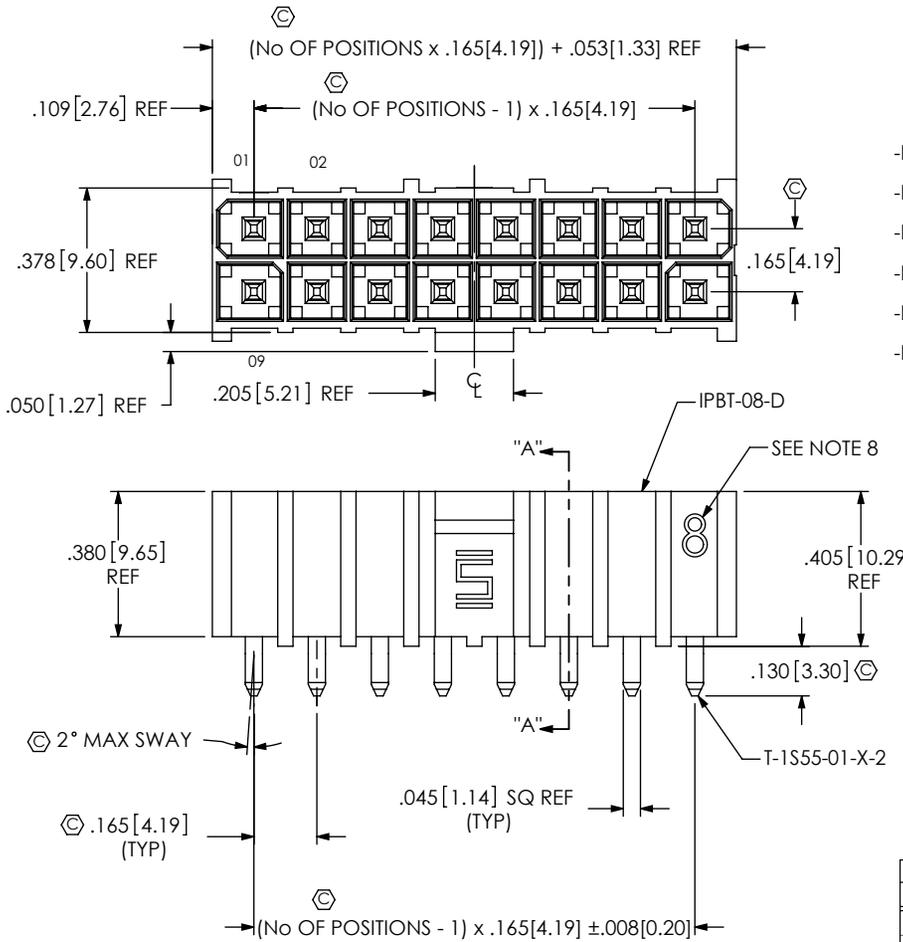


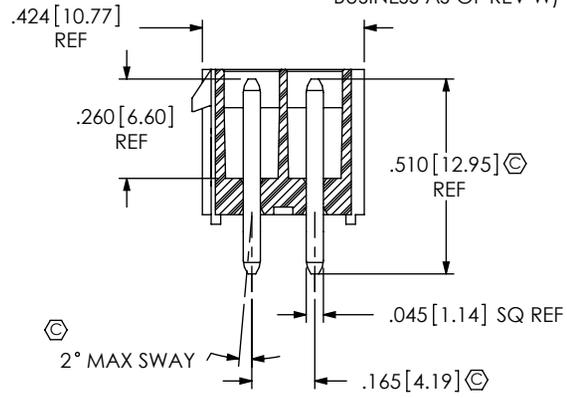
DO NOT SCALE FROM THIS PRINT

FIG 1 (IPBT-108-H1-XX-D SHOWN)



IPBT-1XX-XX-XX-D-XX

- No OF POSITIONS**  
-02 THRU -15 (PER ROW)  
-02 (SEE SHEET 5, FIG.8)
- LEAD STYLE**
- H1: HIGH POWER, THRU HOLE (USE T-1S55-XX-X-2, SEE FIG 1, SHEET 1)
  - H2: HIGH POWER, SURFACE MOUNT (USE T-1S55-02-X-2, SEE FIG 3, SHEET 3)
  - H3: HIGH POWER, THRU HOLE, .670" STACKER (USE T-1S55-05-X-2, SEE FIG 5, SHEET 4)
  - H4: HIGH POWER, THRU HOLE, .748" STACKER (USE T-1S55-06-X-2, SEE FIG 5, SHEET 4)
  - H5: HIGH POWER, THRU HOLE, .787" STACKER (USE T-1S55-07-X-2, SEE FIG 5, SHEET 4)
  - H6: HIGH POWER, THRU HOLE, .984" STACKER (USE T-1S55-08-X-2, SEE FIG 6, SHEET 4)
- OPTION**
- RA: RIGHT ANGLE (SEE FIG 2, SHEET 2) [STYLE -H1 ONLY]
  - GP: GUIDE POSTS (USE IPBT-XX-D-GP, SEE FIG 4, SHEET 3) (NOT AVAILABLE W/ -K OPTION)
  - \*-K: KEYED POLARIZATION (USE IPBT-XX-D-K) (SEE FIG 9, SHEET 5) (NOT AVAILABLE W/ -GP OPTION)
- ROW SPECIFICATION**  
-D: DOUBLE (USE IPBT-XX-D)
- PLATING SPECIFICATION**
- TM: MATTE TIN CONTACT AND TAIL (USE T-1S55-XX-T-2)
  - T: MATTE TIN CONTACT AND TAIL (USE T-1S55-XX-T-2)
- (\* = LEAVE BLANK FOR NO KEY OPTION, SAMTEC WILL ONLY SUPPORT EXISTING BUSINESS AS OF REV W)



SECTION "A"- "A"

TABLE 1					
LEAD	BODY 1	BODY 2	TERMINAL 1	OAL REF	TERMINAL 2
-H1	IPBT-XX-D	N/A	T-1S55-01-X-2	.5100 [12.954]	N/A
-H2	IPBT-XX-D	N/A	T-1S55-02-X-2	.5100 [12.954]	N/A
-H1-RA	IPBT-XX-D	N/A	T-1S55-03-X-2	.5100 [12.954]	T-1S55-04-X-2
-H1-GP	IPBT-XX-D-GP	N/A	T-1S55-03-X-2	.5100 [12.954]	T-1S55-04-X-2
-H1-GP	IPBT-XX-D-GP	N/A	T-1S55-01-X-2	.5100 [12.954]	N/A
-H3-GP	IPBT-XX-D-GP	IPBV-XX-D	T-1S55-05-X-2	.5100 [12.954]	N/A
-H4-GP	IPBT-XX-D-GP	CUT FROM IPBE-31-H4-D	T-1S55-06-X-2	.5100 [12.954]	N/A
-H5-GP	IPBT-XX-D-GP	CUT FROM IPBE-31-H5-D	T-1S55-07-X-2	.5100 [12.954]	N/A
-H6-GP	IPBT-XX-D-GP	CUT FROM IPBE-31-H6-D	T-1S55-08-X-2	.5100 [12.954]	N/A
-H3	IPBT-XX-D	IPBV-XX-D	T-1S55-05-X-2	.5100 [12.954]	N/A
-H4	IPBT-XX-D	CUT FROM IPBE-31-H4-D	T-1S55-06-X-2	.5100 [12.954]	N/A
-H5	IPBT-XX-D	CUT FROM IPBE-31-H5-D	T-1S55-07-X-2	.5100 [12.954]	N/A
-H6	IPBT-XX-D	CUT FROM IPBE-31-H6-D	T-1S55-08-X-2	.5100 [12.954]	N/A

- NOTES:
- ⊙ REPRESENTS A CRITICAL DIMENSION.
  - COPLANARITY (FOR SURFACE MOUNT): SEE TABLE 2 SHEET 3.
  - MAX BURR ALLOWANCE: .0015 [.038].
  - MINIMUM TERMINAL RETENTION: 1 LB.
  - IPBT-XX-D-XX AND IPBV-XX-D PARTS TO BE MOLDED TO POSITION, IPBE-XX-XX-D ARE TO BE CUT.
  - MAX HEIGHT VARIATION BETWEEN PINS: .005 [.13].
  - ALL PIN TO PIN DIMENSIONS TO BE MEASURED FROM TIP TO TIP.
  - THIS NUMBER REPRESENTS THE NUMBER OF POSITIONS PER ROW ONLY AND IS NOT INTENDED TO BE USED IN POSITION NUMBERING.
  - ALL PARTS TO BE PACKAGED IN TUBES EXCEPT 2 AND 3 POS. 2 AND 3 POS PARTS TO BE LAYER PACKAGED.
  - MAX CUT FLASH: .005 [.13].
  - AFTER REVISION T OF COMPONENT PRINT IPT1-XX-D-XX-X, SAMTEC LOGO TO APPEAR ON CORE #1 FOR POSITIONS 1 THROUGH 5. FOR POSITIONS 6 THROUGH 15, LOGO TO APPEAR ON CORE #1 AND THE LAST CORE WITHIN THE SAME ROW.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:  
DECIMALS: .XX: ±.01 [.3]  
.XXX: ±.005 [.13]  
.XXXX: ±.0020 [.051]  
ANGLES: ± 2°

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

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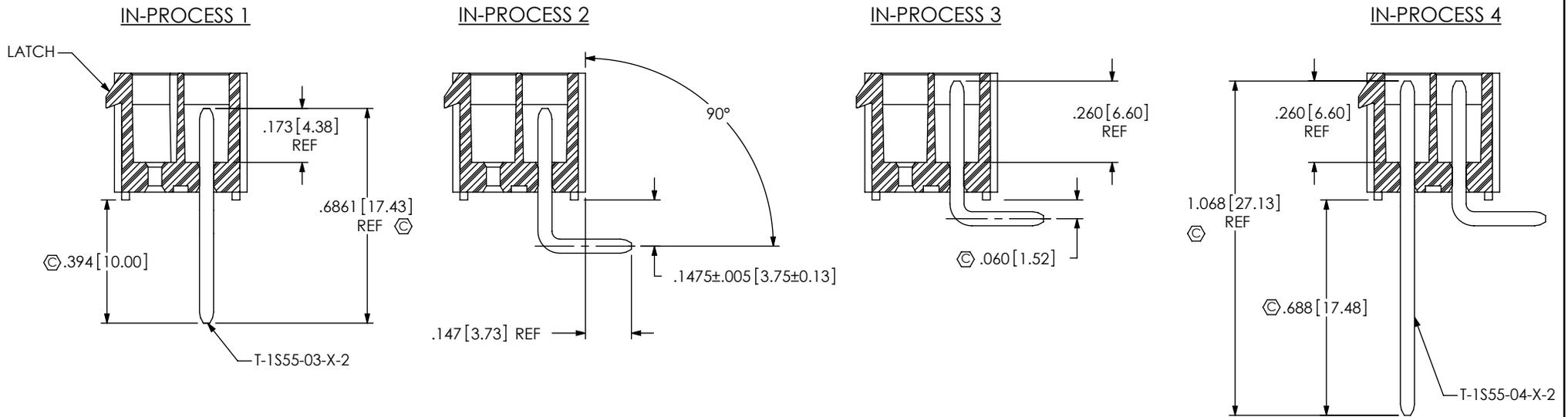
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION: .165 DOUBLE ROW TERMINAL ASSEMBLY

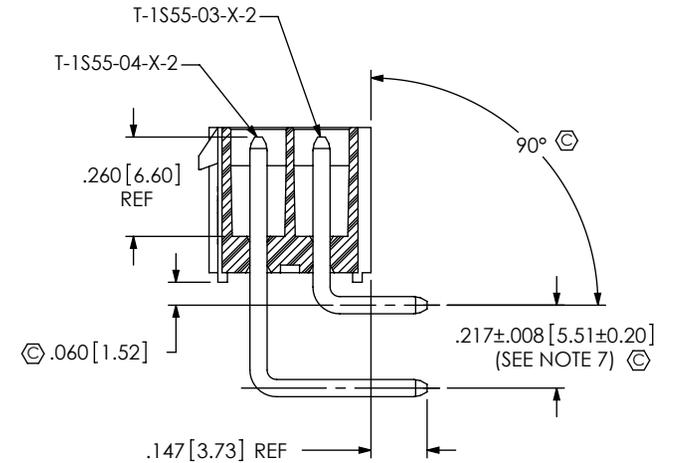
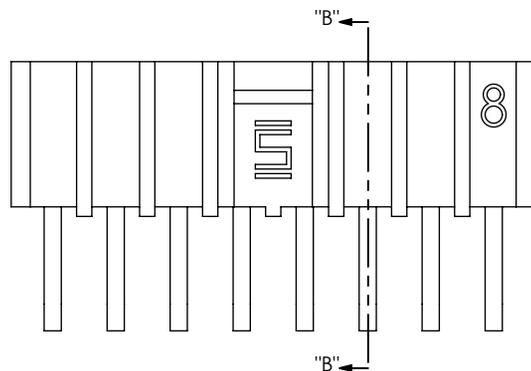
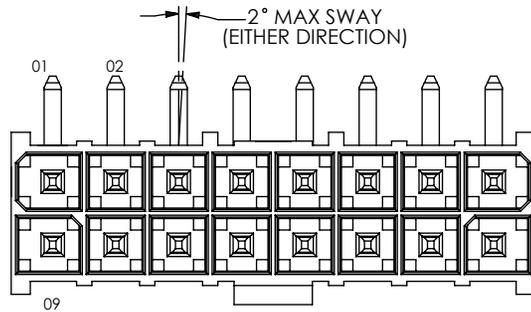
DWG. NO. IPBT-1XX-XX-XX-D-XX

BY: DEAN P 7/27/2001 SHEET 1 OF 5

-RA: RIGHT ANGLE IN-PROCESS VIEWS



**FIG 2**  
 (IPBT-108-H1-XX-D-RA SHOWN)  
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)  
 (AVAILABLE ONLY ON -H1)



SECTION "B"- "B"

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SHEET SCALE: 2:1

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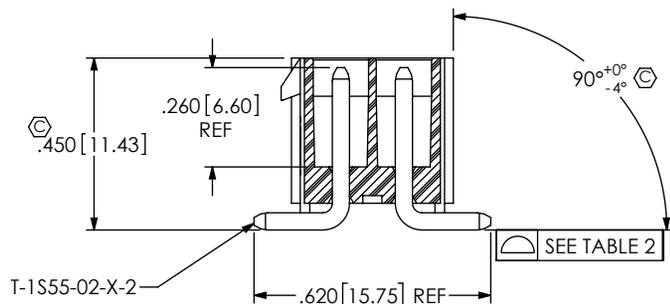
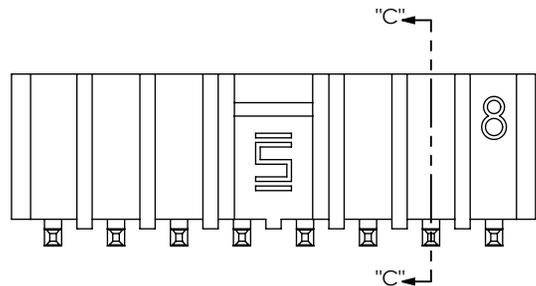
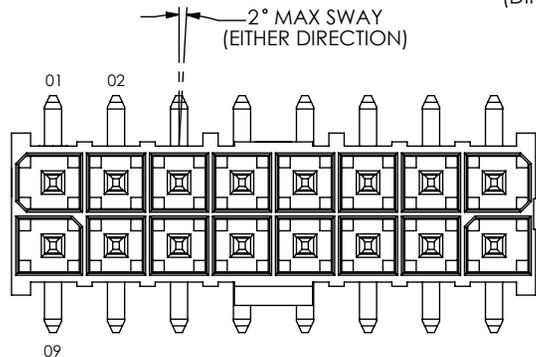
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DESCRIPTION:  
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DWG. NO. IPBT-1XX-XX-XX-D-XX

BY: DEAN P 7/27/2001 SHEET 2 OF 5

**FIG 3**  
(IPBT-108-H2-XX-D SHOWN)  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

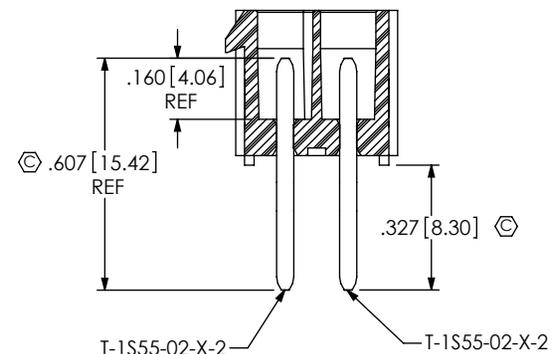


SECTION "C"-"C"

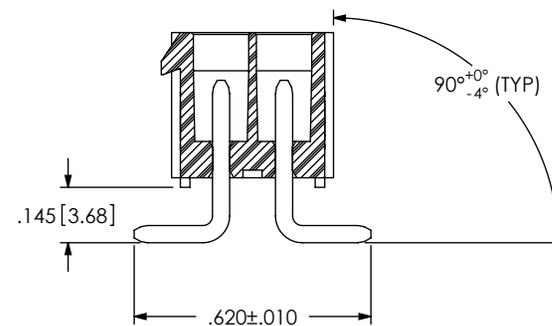
TABLE 2	
No OF POSITIONS	COPLANARITY
-02 THRU -08	.004[.10]
-09 THRU -15	.006[.15]

H2: SURFACE MOUNT IN-PROCESS VIEWS

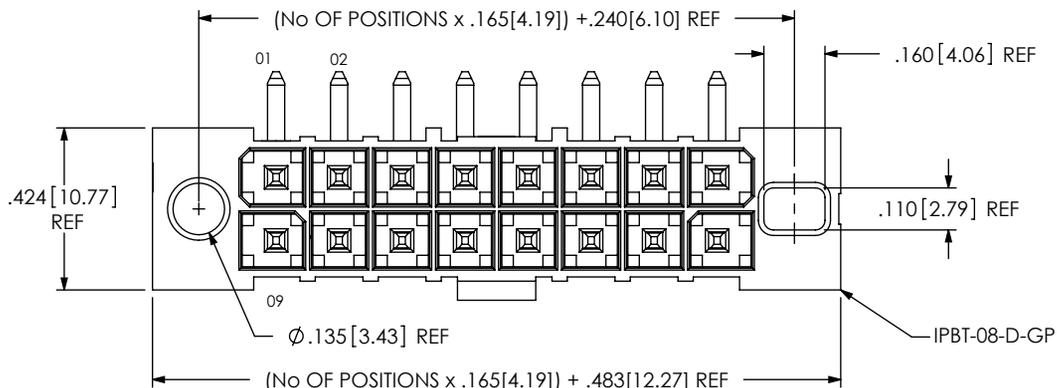
IN-PROCESS 1



IN-PROCESS 2



**FIG 4**  
(IPBT-108-H1-XX-D-RA-GP SHOWN)  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1, 2 OR 3)



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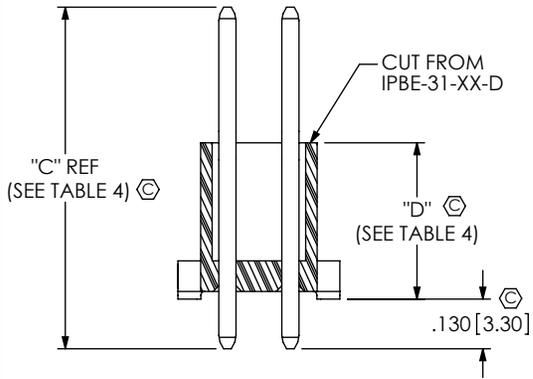
DESCRIPTION: .165 DOUBLE ROW TERMINAL ASSEMBLY

DWG. NO. IPBT-1XX-XX-XX-D-XX

BY: DEAN P 7/27/2001 SHEET 3 OF 5

TABLE 4		
LEADSTYLE	"C"	"D"
-H3	.579 [14.71]	.094 [2.40]
-H4	.658 [16.71]	.173 [4.39]
-H5	.697 [17.70]	.212 [5.38]
-H6	.894 [22.71]	.409 [10.39]

IN PROCESS 1  
(FOR H4, H5, & H6 ONLY)



IN PROCESS 1  
(FOR H3 ONLY)

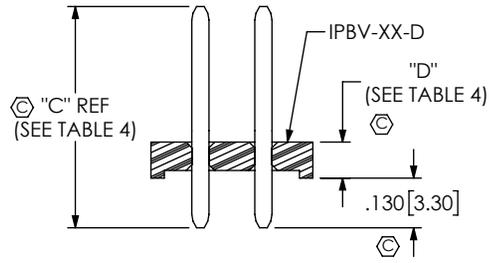


FIG 5  
(IPBT-108-H3-XX-D SHOWN)  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1)

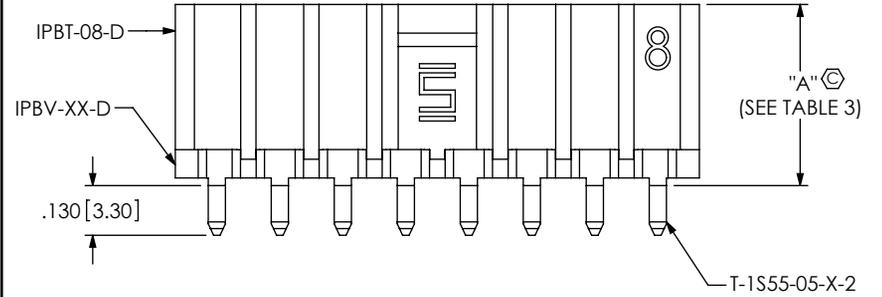


TABLE 3		
LEADSTYLE	"A"	STACK HEIGHT WITH IPBS-TH
-H3	.474 [12.05]	.669 [16.99]
-H4	.553 [14.05]	.748 [19.00]
-H5	.592 [15.04]	.787 [19.99]
-H6	.789 [20.04]	.984 [24.99]

FIG 6  
(IPBT-108-H6-XX-D SHOWN)  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1)

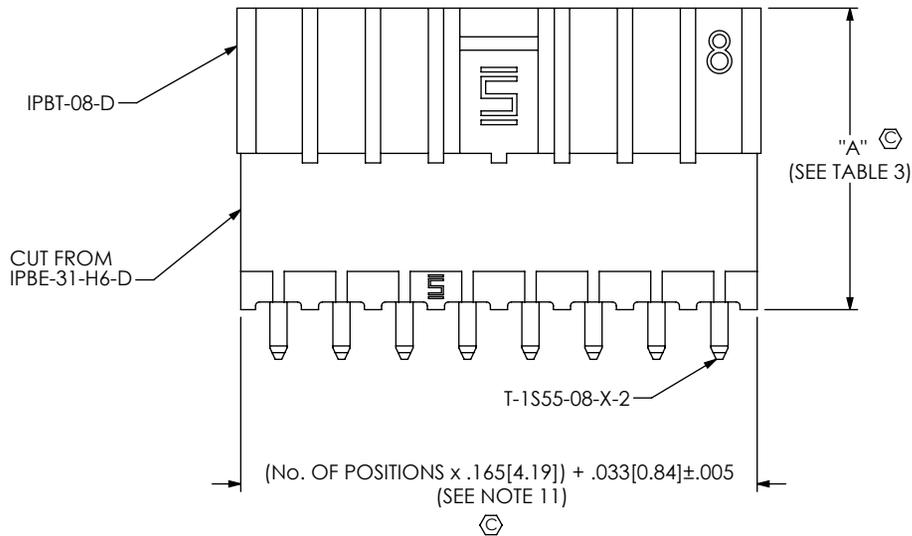
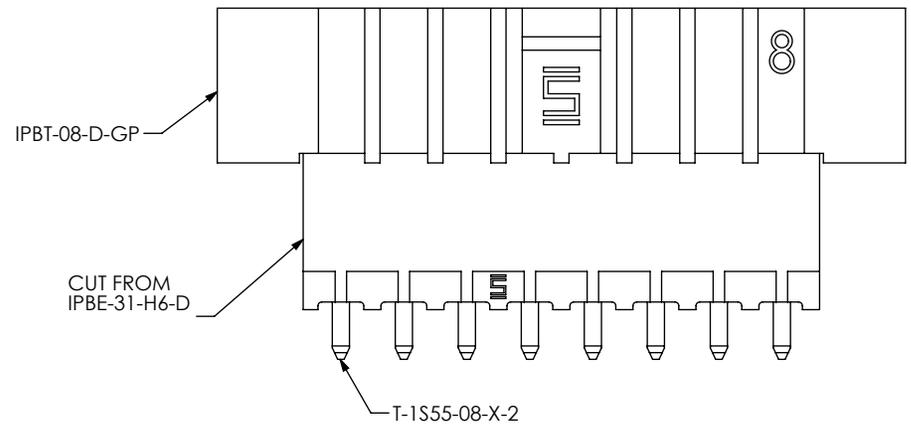


FIG 7  
(IPBT-108-H6-XX-D-GP SHOWN)  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1, 5, OR 6)



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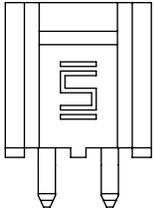
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DESCRIPTION:  
.165 DOUBLE ROW TERMINAL ASSEMBLY

DWG. NO.  
IPBT-1XX-XX-XX-D-XX

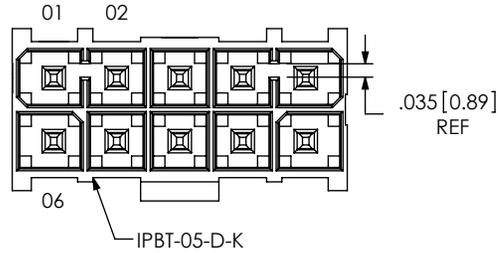
BY: DEAN P 7/27/2001 SHEET 4 OF 5

**FIG 8**  
(IPBT-102-H1-XX-D SHOWN)  
(DIFFERENT AS SHOWN,  
OTHERWISE SAME AS FIG 1)

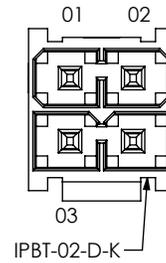


**FIG 9**  
(IPBT-1XX-H1-XX-D-K SHOWN)  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

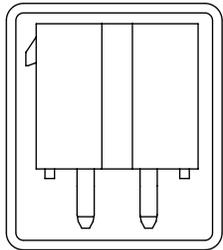
**-105 POS SHOWN**  
(TYPICAL FOR POSITIONS 3 THRU 15)



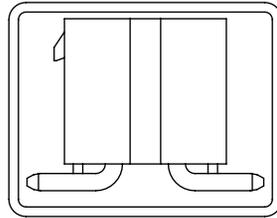
**-102 POS SHOWN**  
(DIFFERENT AS SHOWN)



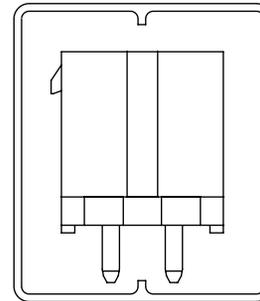
**PACKAGING VIEWS**  
[PARTS TO HAVE POSITION #1 LOADED IN  
SAME DIRECTION AS ARROW ON TUBE]  
(SEE NOTE 9)



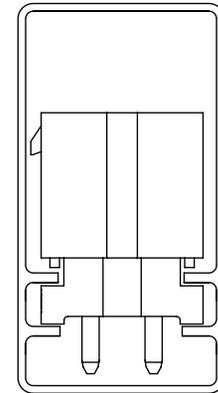
IPBT-1XX-H1-XX-D-XX SHOWN  
TUBE: PT-1-24-01-112  
PLUG: TP-28



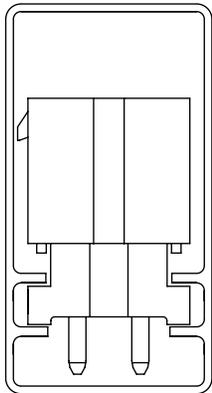
IPBT-1XX-H2-XX-D-XX SHOWN  
TUBE: PT-1-24-02-112  
PLUG: TP-28



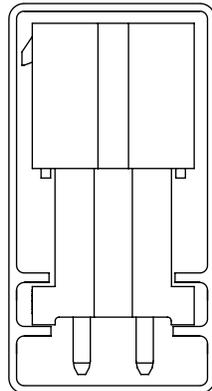
IPBT-1XX-H3-XX-D-XX SHOWN  
TUBE: PT-1-24-04-56  
PLUG: TP-25



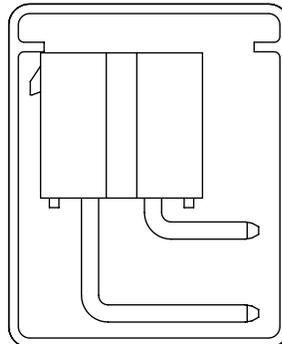
IPBT-1XX-H4-XX-D-XX SHOWN  
TUBE: PT-IPBT001-H4-H6  
PLUG: TP-28



IPBT-1XX-H5-XX-D-XX SHOWN  
TUBE: PT-IPBT001-H4-H6  
PLUG: TP-28



IPBT-1XX-H6-XX-D-XX SHOWN  
TUBE: PT-IPBT001-H4-H6  
PLUG: TP-28



IPBT-1XX-H1-XX-D-RA SHOWN  
TUBE: PT-1-24-19T-109  
PLUG: TP-25 (2 EACH END)

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DESCRIPTION:  
.165 DOUBLE ROW TERMINAL ASSEMBLY

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

BY: DEAN P 7/27/2001 SHEET 5 OF 5