REVISION AD

DO NOT
SCALE FROM
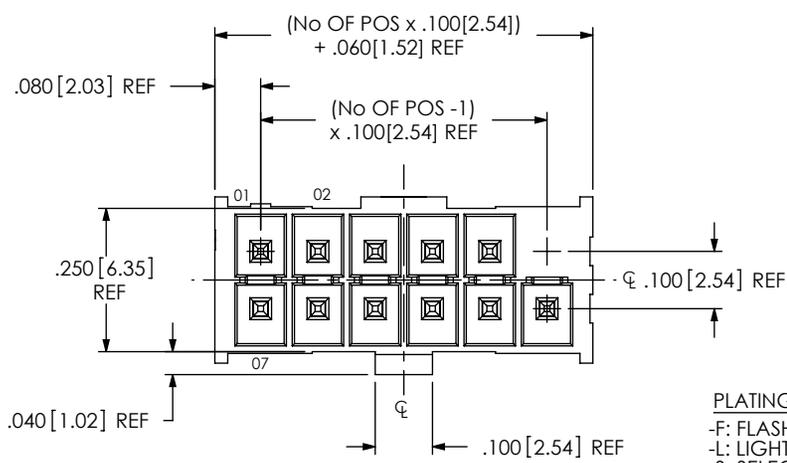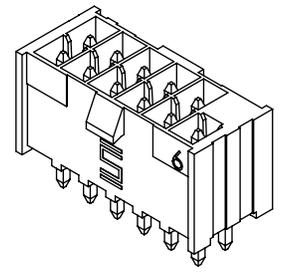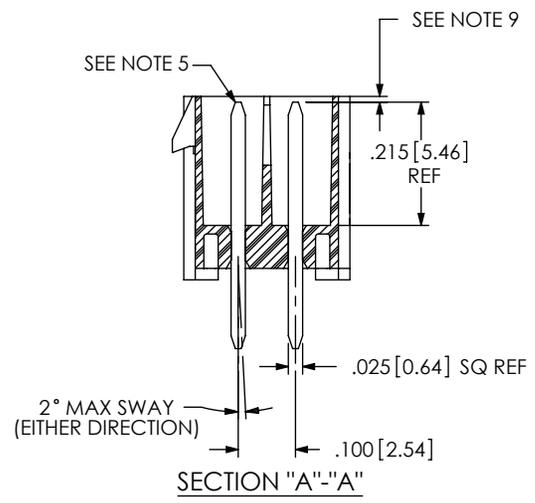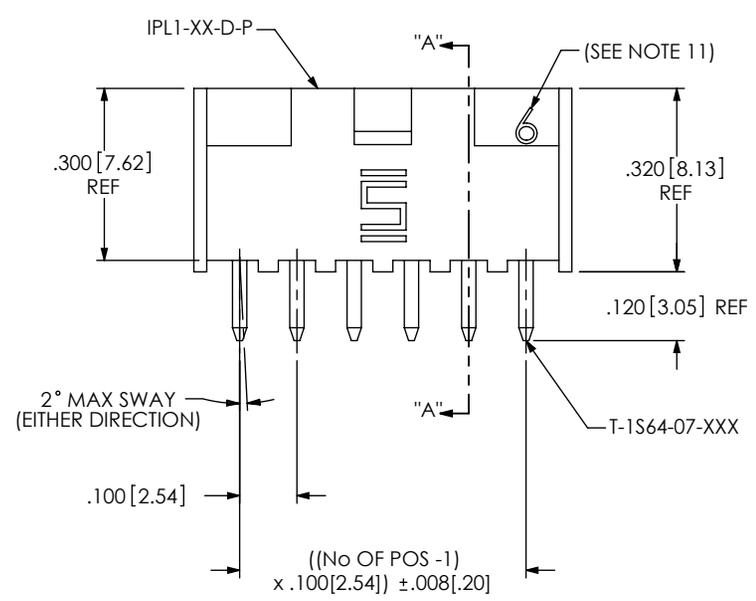THIS PRINT

(No OF POS x .100[2.54])
+ .060[1.52] REF

.080 [2.03] REF

(No OF POS -1)
x .100[2.54] REF

01   02

.250 [6.35]
REF

07

.040 [1.02] REF

- ₵ .100[2.54] REF

.100 [2.54] REF

FIG 1
IPL1-106-01-XXX-D-P SHOWN

IPL1-1XX-XX-XXX-D-XX-X

No OF POSITIONS
-02 THRU -25
(PER ROW)

LEAD STYLE
-01: THROUGH HOLE
     (USE T-1S64-XX-XX)
-02: SURFACE MOUNT
     (SEE FIG 2, SHT 2)
     (USE T-1S64-XX-XX)

OPTION
-P: POLARIZATION (SEE FIG 1)
    (USE IPL1-XX-D-P)
    (NOT AVAILABLE W/ -K, OPTIONS)
-K: KEYED POLARIZATION
    (USE IPL1-XX-D-K)
    (SEE FIG 5, SHEET 3)
    (NOT AVAILABLE W/ -P, OPTIONS)
-G: GUIDE POSTS (SEE FIG 6 & 7, SHEET 3)
    (USE IPL1-XX-D-GP)
    (NOT AVAILABLE W/-P, -K OPTIONS)

    (LEAVE BLANK FOR NO POLARIZATION
    (SEE FIG 4, SHEET 3), SAMTEC WILL ONLY SUPPORT
    EXISTING BUSINESS AS OF REV U)

OPTION
-RA: RIGHT ANGLE (SEE FIG. 3, SHT 2)
     (AVAILABLE WITH -01 LEAD STYLE ONLY)

ROW SPECIFICATION
-D: DOUBLE (USE IPL1-XX-D)

PLATING SPECIFICATION
-F: FLASH SELECTIVE (USE T-1S64-XX-F)
-L: LIGHT SELECTIVE (USE T-1S64-XX-L)
-S: SELECTIVE (USE T-1S64-XX-S)
-H: HEAVY GOLD (T-1S64-XX-H)
-FM: FLASH SELECTIVE/MATTE TIN TAILS (USE T-1S64-XX-F)
-LM: LIGHT SELECTIVE/MATTE TIN TAILS (USE T-1S64-XX-L)
-SM: SELECTIVE/MATTE TIN TAILS (USE T-1S64-XX-S)
-STL: SELECTIVE/ TIN/LEAD TAILS (USE T-1S64-XX-STL)

IPL1-XX-D-P

"A"

(SEE NOTE 11)

.300 [7.62]
REF

.320 [8.13]
REF

.120 [3.05] REF

2° MAX SWAY
(EITHER DIRECTION)

"A"

T-1S64-07-XXX

.100 [2.54]

((No OF POS -1)
x .100[2.54]) ±.008[.20]

SEE NOTE 5

SEE NOTE 9

.215 [5.46]
REF

.025 [0.64] SQ REF

2° MAX SWAY
(EITHER DIRECTION)

.100 [2.54]

SECTION "A"-"A"

NOTES:

1. © REPRESENTS A CRITICAL DIMENSION.
2. NOTE DELETED.
3. MINIMUM TERMINAL RETENTION: 1 LB.
4. PARTS TO BE MOLDED TO POSITION.
5. POST MUST BE WITHIN .005[.13] OF EACH OTHER.
6. ALL PIN TO PIN DIMENSIONS TO BE MEASURED
   FROM TIP TO TIP.
7. NOTE DELETED.
8. DIMENSION TO BE MEASURED AT BEND.
9. TIP TO BE FLUSH TO .015 BELOW TOP OF SHROUD.
10. BOTH ROWS TO BE SYMMETRIC WITHIN .010[0.25].
11. THIS NUMBER REPRESENTS THE NUMBER OF POSITIONS
    PER ROW ONLY AND IS NOT INTENDED TO BE USED IN
    POSITION NUMBERING.
12. 1 OR 2 GATE PADS TO BE PRESENT AT VENDOR DISCRETION.

TABLE 1					
LEAD STYLE	OPTION	TERMINAL 1	OAL REF	TERMINAL 2	OAL REF
-01	NONE	T-1S64-07-X	.430[10.92]	N/A	N/A
-01	-RA	T-1S64-09-X	.530[13.46]	T-1S64-10-X	.730[18.54]
-02	NONE	T-1S64-08-X	.445[11.30]	N/A	N/A

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

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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

MATERIAL: DO NOT SCALE DRAWING   SHEET SCALE: 3:1

INSULATOR: LCP UL94-V0, COLOR: BLACK
-K INSULATOR: LCP UL94-V0, COLOR: NATURAL
TERMINAL: PHOS BRONZE

DESCRIPTION:
.100[2.54] DOUBLE ROW TERMINAL ASSEMBLY

DWG. NO.
IPL1-1XX-XX-XXX-D-XX-X

BY: KEVIN B   03/11/02   SHEET 1 OF 3

F:\DWG\MISC\MKTG\IPL1-1XX-XX-XXX-D-XX-X-MKT.SLDDRW

FIG 2
IPL1-106-02-XXX-D-P SHOWN
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1]

SEE NOTE 9

.345[8.76]
(SEE NOTE 8)

.215[5.46]
REF

90°⁺⁰°₋₄°

SEE TABLE 2

T-1S64-08-XXX

SEE NOTE 10

.377[9.58]
REF
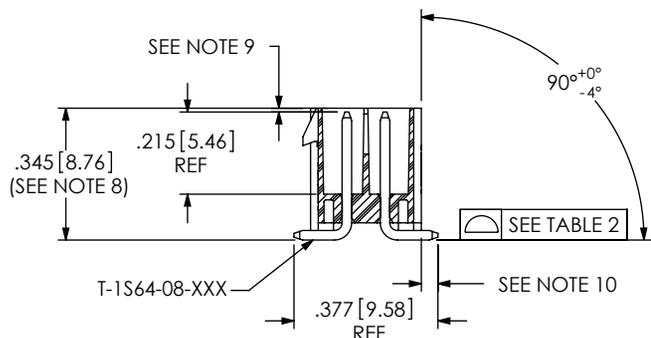
TABLE 2	
No OF POS.	COPLANARITY
-02 THRU -05	.004[.10]
-06 THRU -10	.005[.13]
-11 THRU -25	.006[.15]

-02: SURFACE MOUNT INPROCESS 1

.115[2.92] REF

.235[5.97]

T-1S64-08-XXX

-02: SURFACE MOUNT INPROCESS 2

90°⁺⁰°₋₄°

.125[3.17]

.377±.010[9.58±0.25]
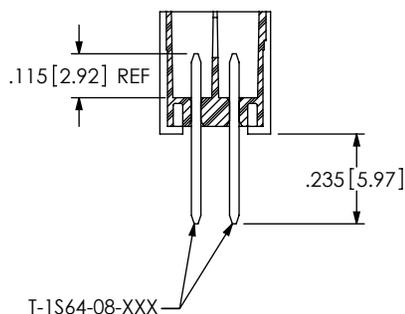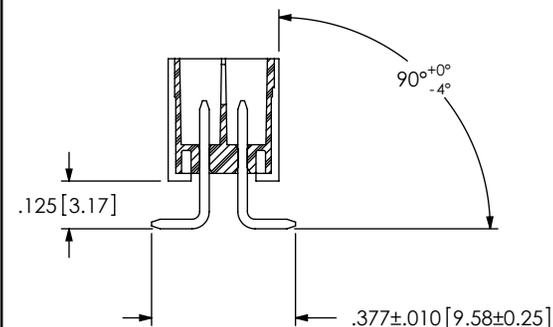
PACKAGING VIEWS
(ASSEMBLIES TO HAVE POSITION #1 LOADED IN THE SAME
DIRECTION AS ARROW ON TUBE, EXCEPT WITH -RA OPTION)

PT-1-24-15-29

PT-1-24-04-40
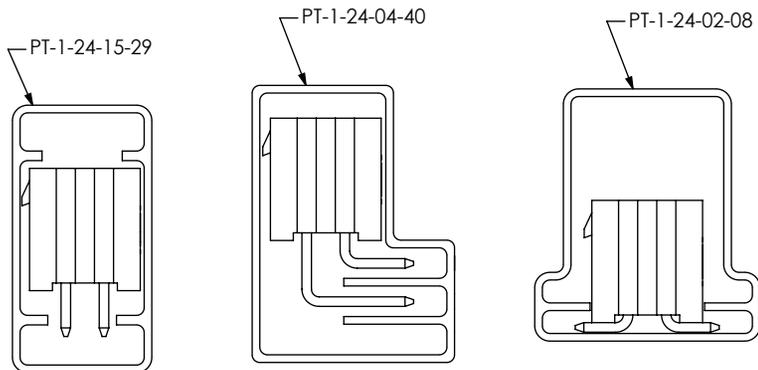
PT-1-24-02-08

PACKAGING TABLE			
LEAD STYLE	OPTION	PACKAGING TUBE	PLUG
-01	NONE	PT-1-24-15-29	TP-07
-01	-RA	PT-1-24-04-40	TP-07
-02	NONE	PT-1-24-02-08	TP-13

01 02

07

.290[7.37] REF

"B"

6

5

"B"
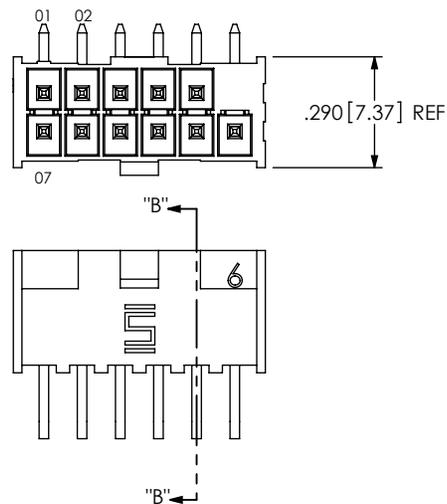
FIG 3
IPL1-106-01-XXX-D-RA-P SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
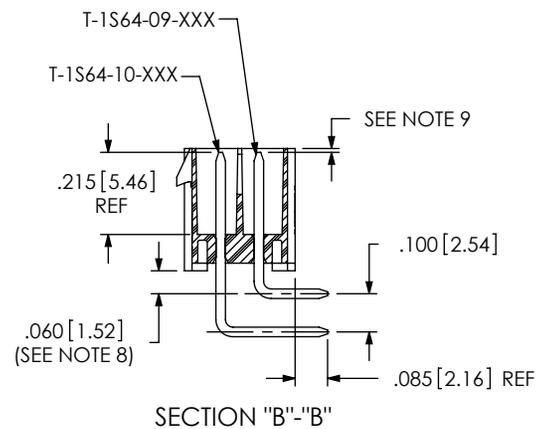
T-1S64-09-XXX

T-1S64-10-XXX

SEE NOTE 9

.215[5.46]
REF

.100[2.54]

.060[1.52]
(SEE NOTE 8)

.085[2.16] REF

SECTION "B"-"B"

F:\DWG\MISC\MKTG\IPL1-1XX-XX-XXX-D-XX-X-MKT.SLDDRW

DO NOT SCALE DRAWING

SHEET SCALE: 2:1

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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
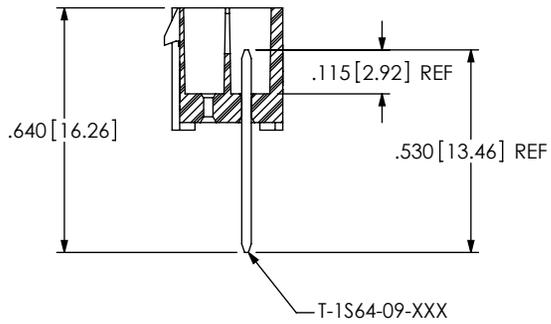
DESCRIPTION:
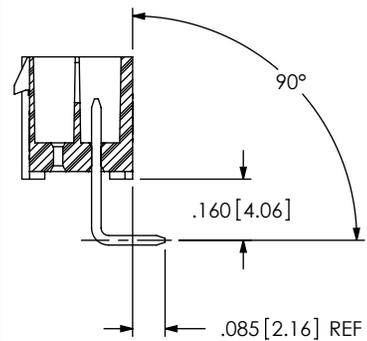.100[2.54] DOUBLE ROW TERMINAL ASSEMBLY

DWG. NO.
IPL1-1XX-XX-XXX-D-XX-X

BY: KEVIN B   03/11/02   SHEET 2 OF 3

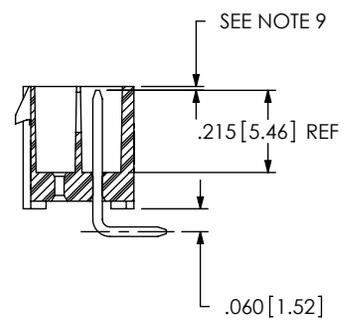# REVISION AD

-RA: INPROCESS 1

.115 [2.92] REF

.640 [16.26]

.530 [13.46] REF

T-1S64-09-XXX

-RA: INPROCESS 2

90°

.160 [4.06]

.085 [2.16] REF

-RA: INPROCESS 3

SEE NOTE 9

.215 [5.46] REF

.060 [1.52]

-RA: INPROCESS 4

SEE NOTE 9

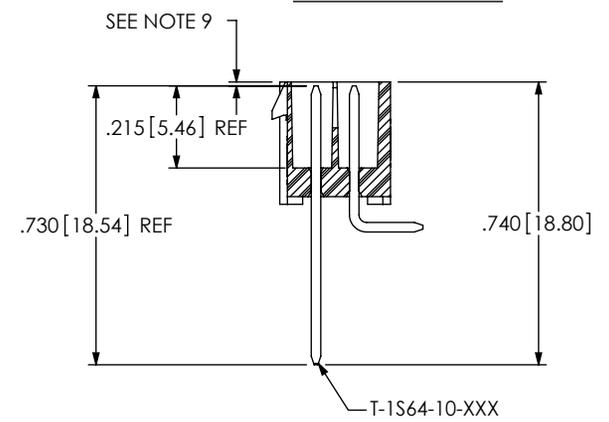.215 [5.46] REF

.730 [18.54] REF

.740 [18.80]

T-1S64-10-XXX

FIG 4
(IPL1-106-0T-XXX-D SHOWN)
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1)

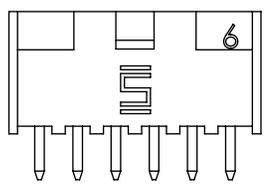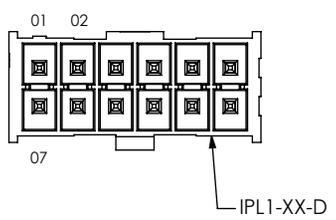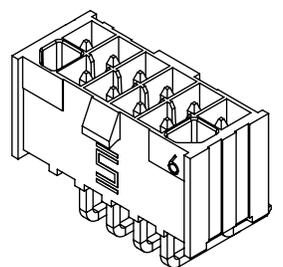**SAMTEC WILL ONLY SUPPORT
EXISTING BUSINESS AS OF REV. U)**

01 02

07

IPL1-XX-D

FIG 5
(IPL1-106-01-XXX-D-K SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

-02 POS
(DIFFERENT AS SHOWN)

.040 [1.02]
REF

.040 [1.02]
REF (TYP)

01 02

01 02

07

03

.030 [0.76]
REF

IPL1-06-D-K

IPL1-02-D-K

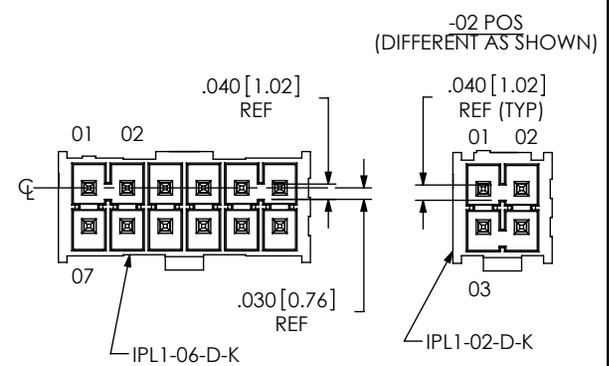## FIG 6
(IPL1-106-01-XXX-D-RA-G SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 3)

01 02
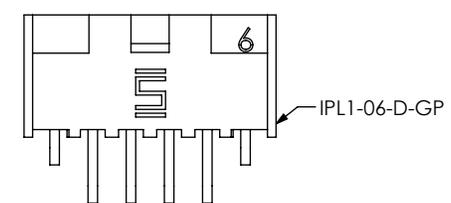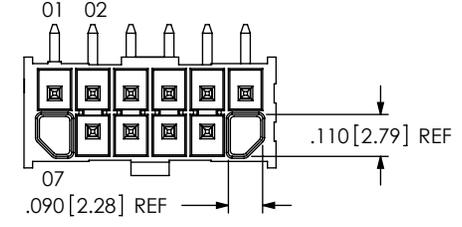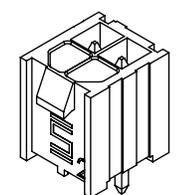
07

.110 [2.79] REF

.090 [2.28] REF

IPL1-06-D-GP
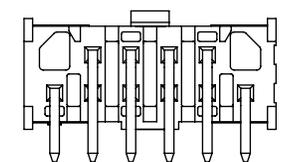
FIG 7
(IPL1-102-01-XXX-D-G SHOWN)
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1)

01 02

IPL1-02-D-GP

.110 [2.79] REF

03

.090 [2.28] REF

DESCRIPTION:
.100[2.54] DOUBLE ROW TERMINAL ASSEMBLY

DWG. NO.
IPL1-1XX-XX-XXX-D-XX-X

BY: KEVIN B   03/11/02   SHEET 3 OF 3

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