

DO NOT SCALE FROM THIS PRINT

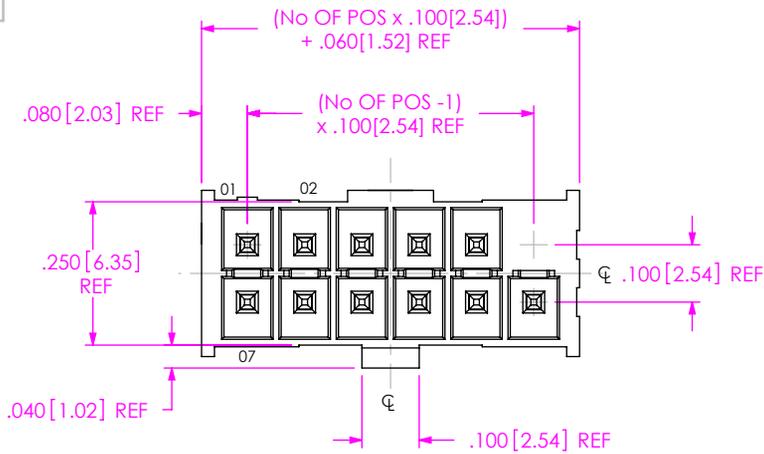
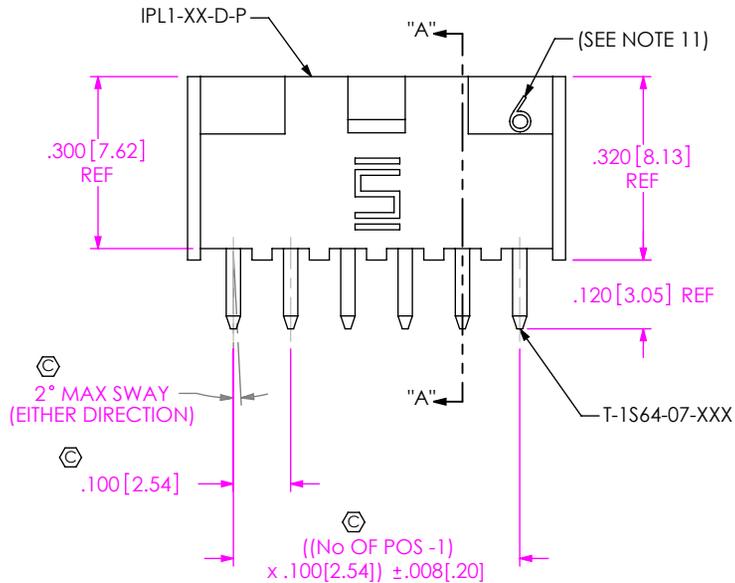


FIG 1
IPL1-106-01-XXX-D-P SHOWN



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

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)

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)

PACKAGING OPTION

-TR: TAPE & REEL
(AVAILABLE WITH -02 LEAD STYLE ONLY)
(MUST USE K-DOT-.256-.375-.005)
(SEE FIG 8, SHT 3) (SEE NOTE 13)
-FR: FULL REEL QTY. TAPE & REEL
(AVAILABLE WITH -02 LEAD STYLE ONLY)
(MUST USE K-DOT-.256-.375-.005) (SEE NOTE 14)

OPTION

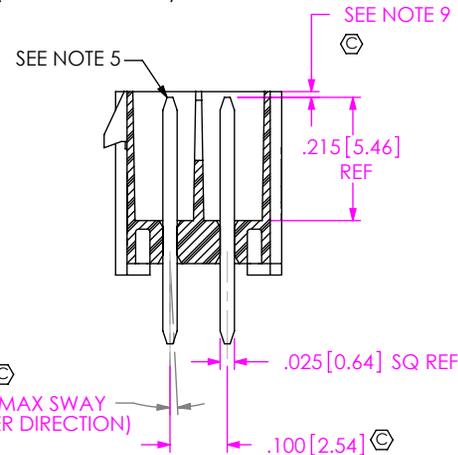
-P: POLARIZATION (SEE FIG 1)
(USE IPL1-XX-D-P)
(NOT AVAILABLE W/ -K OR -G, OPTIONS)
-K: KEYED POLARIZATION
(USE IPL1-XX-D-K)
(SEE FIG 5, SHEET 3)
(NOT AVAILABLE W/ -P OR -G, OPTIONS)
-G: GUIDE POSTS (SEE FIG 6 & 7, SHEET 3)
(USE IPL1-XX-D-GP)
(NOT AVAILABLE W/-P, -K OPTIONS)
(LEAVE BLANK FOR NO POLARIZATION
(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

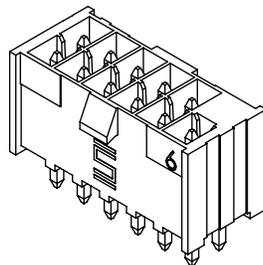
-D: DOUBLE (USE IPL1-XX-D)



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.
13. -TR OPTION ORDERS INVOLVING PARTIAL REEL QUANTITIES MAY BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
14. -FR OPTIONS WILL BE SHIPPED AT THE MAX QUANTITY PER REEL, BASED ON OPTIONS SELECTED.



| LEAD STYLE | OPTION | TERMINAL 1 | OAL REF | TERMINAL 2 | OAL REF | -TR |
|------------|--------|-------------|-------------|-------------|-------------|----------------------|
| -01 | NONE | T-1S64-07-X | .430[10.92] | N/A | N/A | N/A |
| -01 | -RA | T-1S64-09-X | .530[13.46] | T-1S64-10-X | .730[18.54] | N/A |
| -02 | NONE | T-1S64-08-X | .445[11.30] | N/A | N/A | K-DOT-.256-.375-.005 |

CPC THIS SHEET

C3, C4, C5, C6, C7, C8

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:
DECIMALS .XX: ±.01[.3]
.XXX: ±.005[.13]
.XXXX: ±.0020[.051]

MATERIAL: DO NOT SCALE DRAWING
INSULATOR: LCP UL94-V0, COLOR: BLACK
-K INSULATOR: LCP UL94-V0, COLOR: NATURAL
TERMINAL: PHOS BRONZE

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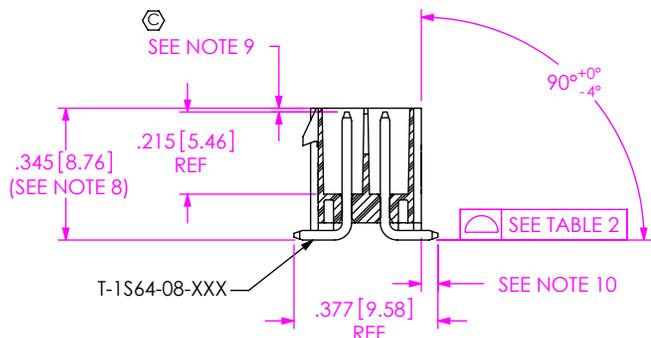
SHEET SCALE: 3:1



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

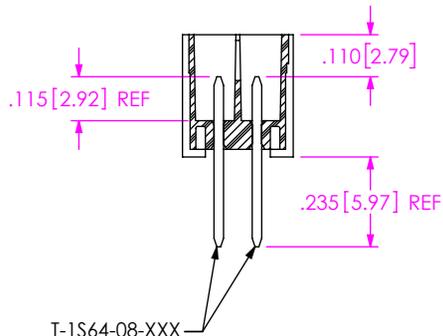
DESCRIPTION:
.100[2.54] DOUBLE ROW TERMINAL ASSEMBLY
DWG. NO.
IPL1-1XX-XX-XXX-D-XX-X-XX
BY: KEVIN B 03/11/02 SHEET 1 OF 3

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

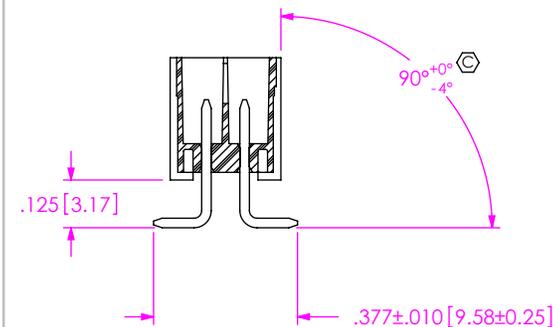


| TABLE 2 | |
|--------------|-------------|
| No OF POS. | COPLANARITY |
| -02 THRU -05 | .004[.10] |
| -06 THRU -10 | .005[.13] |
| -11 THRU -25 | .006[.15] |

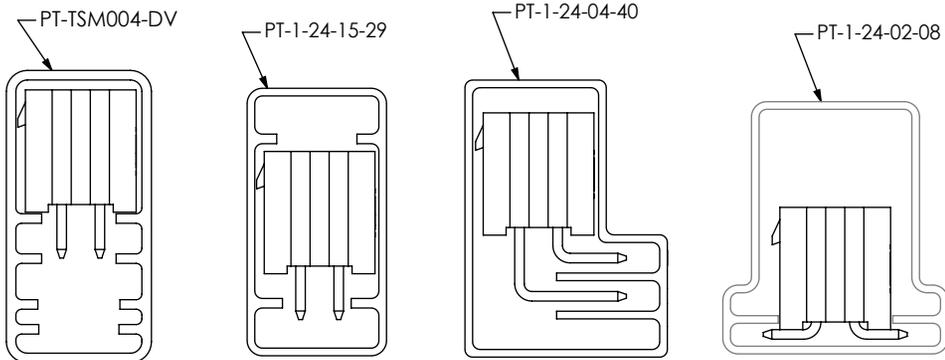
-02: SURFACE MOUNT IN PROCESS 1



-02: SURFACE MOUNT IN PROCESS 2



PACKAGING VIEWS
(ASSEMBLIES TO HAVE POSITION #1 LOADED IN THE SAME DIRECTION AS ARROW ON TUBE, EXCEPT WITH -RA OPTION)



| PACKAGING TABLE | | | |
|------------------|--------|----------------|-------|
| LEAD STYLE | OPTION | PACKAGING TUBE | PLUG |
| -01 | NONE | PT-1-24-15-29 | TP-07 |
| -01 (2 POSITION) | NONE | PT-TSM004-DV | TP-07 |
| -01 | -RA | PT-1-24-04-40 | TP-07 |
| -02 | NONE | PT-1-24-02-08 | TP-13 |

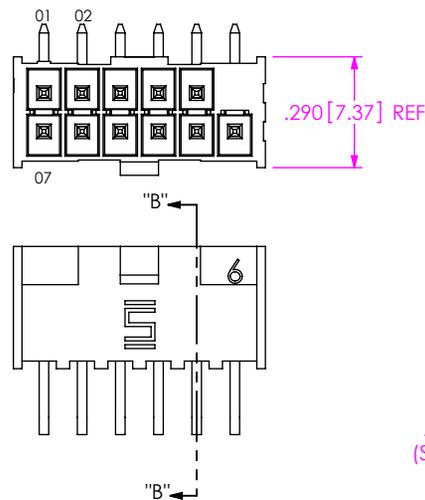
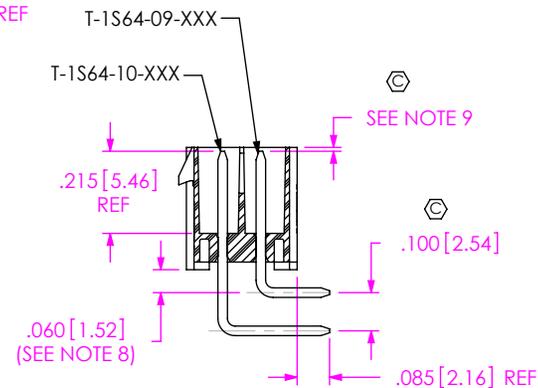


FIG 3
IPL1-106-01-XXX-D-RA-P SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



SECTION "B"-"B"

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

CPC
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C2, C9,
C10, C14,
C15

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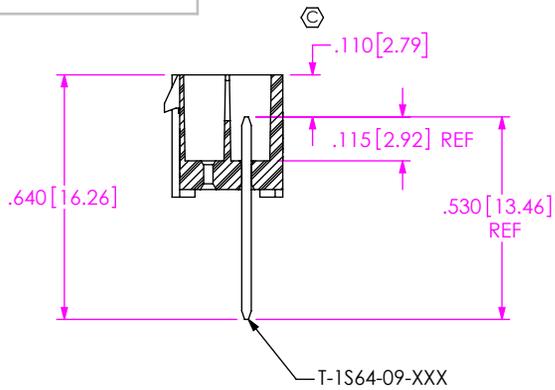
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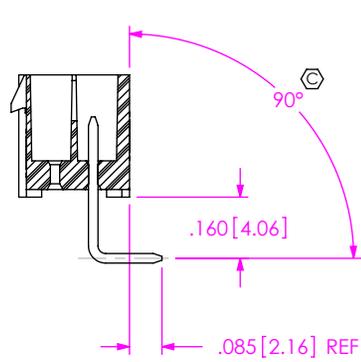
DWG. NO.
IPL1-1XX-XX-XXX-D-XX-X-XX

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

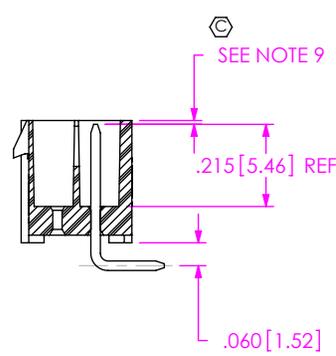
-RA: IN PROCESS 1



-RA: IN PROCESS 2



-RA: IN PROCESS 3



-RA: IN PROCESS 4

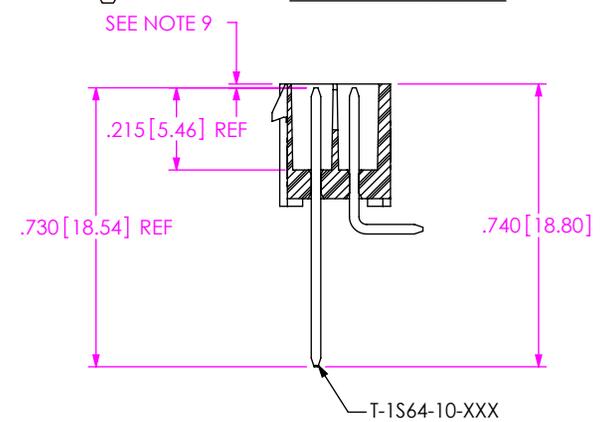


FIG 4
(IPL1-106-01-XXX-D SHOWN)
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1)

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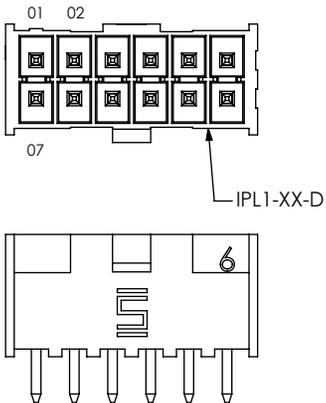


FIG 5
(IPL1-106-01-XXX-D-K SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

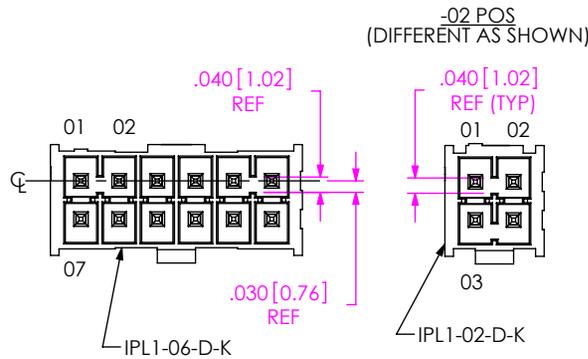


FIG 6
(IPL1-106-01-XXX-D-RA-G SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 3)

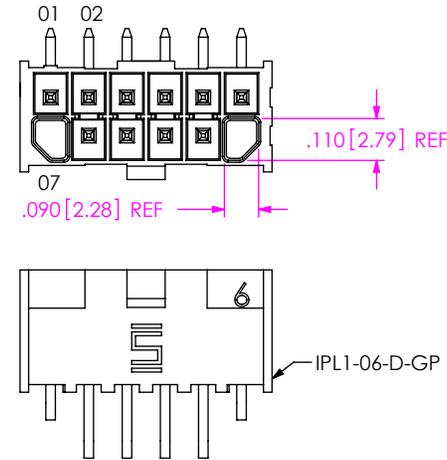


FIG 7
(IPL1-102-01-XXX-D-G SHOWN)
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1)

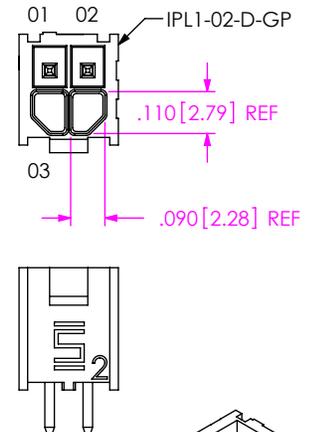
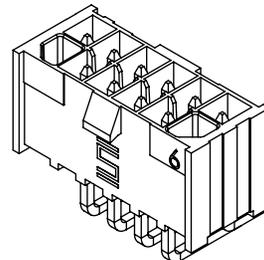
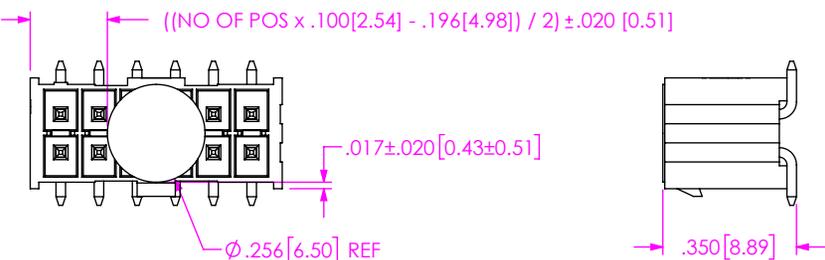


FIG 8
(IPL1-106-02-XXX-D-TR SHOWN)
(MUST USE K-DOT-.256-.375-.005)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 2)



CPC
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C1, C11,
C12, C13

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