

DO NOT SCALE FROM THIS PRINT

IPL1-1XX-XX-XXX-S-XX-X-XX

No OF POSITIONS  
-02 THRU -25

PACKAGING OPTION  
-TR: TAPE & REEL  
(AVAILABLE WITH -02 LEAD STYLE ONLY)  
(MUST USE K-DOT-.177-.281-.005)  
(SEE FIG 5, SHT 3)

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

POLARIZATION OPTION  
-K: KEYED POLARIZATION  
(USE IPL1-XX-S-K)  
(SEE FIG 4, SHEET 3)  
(LEAVE BLANK FOR NO POLARIZATION. SAMTEC WILL ONLY SUPPORT EXISTING BUSINESS AS OF REV J)

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

ROW SPECIFICATION  
-S: SINGLE (USE IPL1-XX-S)

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 (USE 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: LIGHT SELECTIVE TIN/LEAD (USE T-1S64-XX-STL)

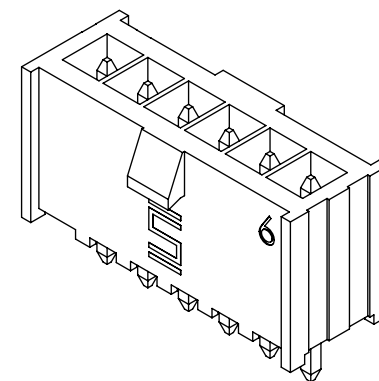
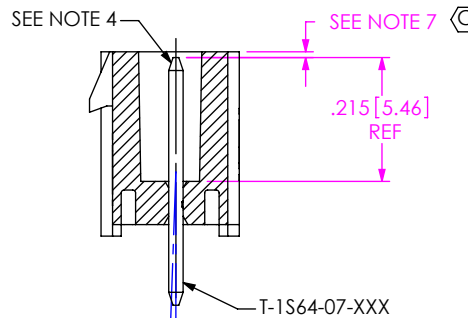
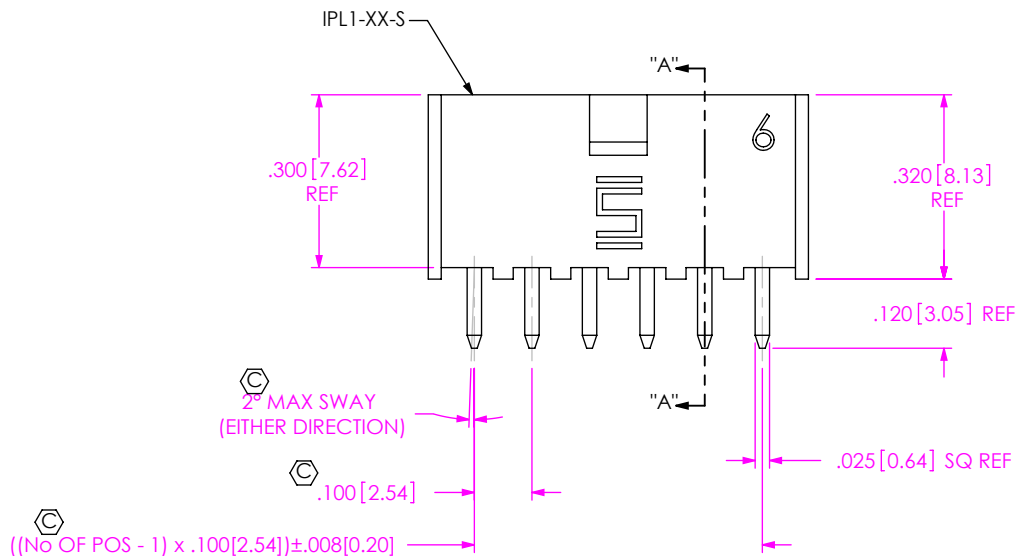
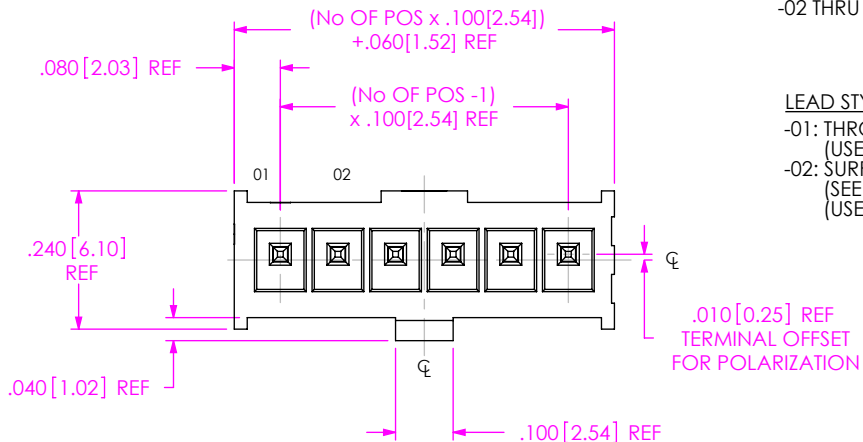


FIG 1  
IPL1-106-01-XXX-S SHOWN

SECTION "A"-A"

TABLE 1				
LEAD STYLE	OPTION	TERMINAL 1	OAL REF	-TR
-01	NONE	T-1S64-07-XX	.430 [10.92]	N/A
-01	-RA	T-1S64-19-XX	.545 [13.84]	N/A
-02	NONE	T-1S64-08-XX	.445 [11.30]	K-DOT-.177-.281-.005

NOTES:

1. REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM TERMINAL RETENTION: 1 LB [4.45 N].
3. PARTS TO BE MOLDED TO POSITION.
4. POST MUST BE WITHIN .005 [0.13] OF EACH OTHER.
5. ALL PIN TO PIN DIMENSIONS TO BE MEASURED FROM TIP TO TIP.
6. DIMENSION TO BE MEASURED AT BEND.
7. TIP TO BE FLUSH TO .015 [0.38] BELOW TOP OF SHROUD.
8. NOTE DELETED.
9. PACKAGE ALL POSITIONS.

CPC THIS SHEET  
C1, C2, C3, C4, C5

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:  
DECIMALS ANGLES  
.XX: ±.01 [0.3] ± 2°  
.XXX: ±.005 [0.13]  
.XXXX: ±.0020 [0.051]

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520 PARK EAST BLVD, NEW ALBANY, IN 47150  
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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 3:1  
STANDARD INSULATOR: LCP UL94-V0, COLOR: BLACK  
-K INSULATOR: LCP UL94-V0, COLOR: NATURAL  
TERMINAL: PHOS BRONZE

DESCRIPTION:  
.100 [2.54] SINGLE ROW TERMINAL ASSEMBLY  
DWG. NO.  
IPL1-1XX-XX-XXX-S-XX-X-XX  
BY: D PURVIS 05/02/2005 SHEET 1 OF 3

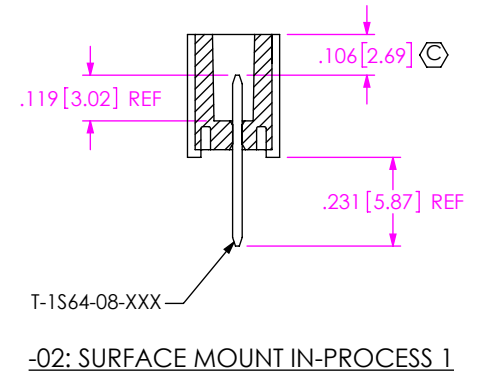
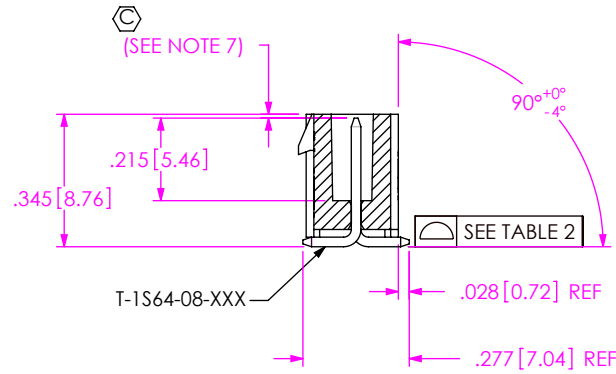
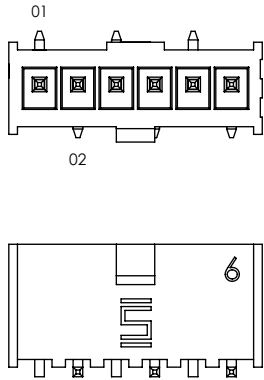
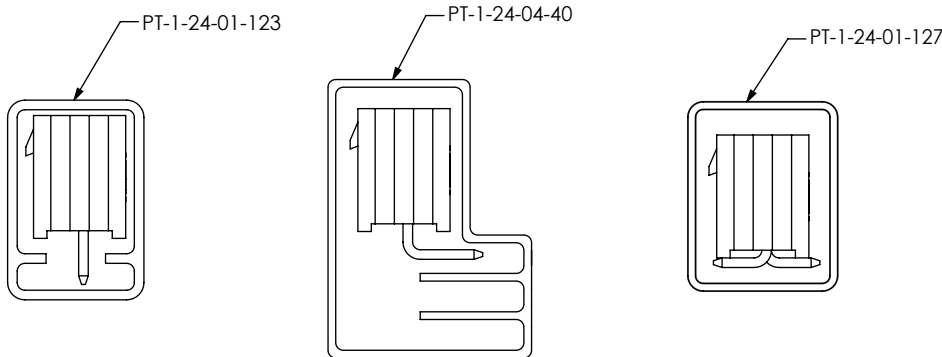


TABLE 2	
No OF POS.	COPLANARITY
-02 THRU -05	.004[0.10]
-06 THRU -10	.005[0.13]

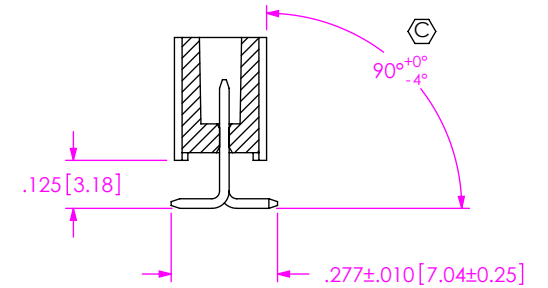
FIG 2  
 STYLE -02: SURFACE MOUNT  
 IPL1-106-02-XXX-S SHOWN  
 [DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1]

-02: SURFACE MOUNT IN-PROCESS 1



PACKAGING TABLE			
LEAD STYLE	OPTION	PACKAGING TUBE	PLUG
-01	NONE	PT-1-24-01-123	TP-07
-01	-RA	PT-1-24-04-40	TP-07
-02	NONE	PT-1-24-01-127	TP-07

PACKAGING VIEWS  
 (PARTS TO HAVE POSITION #1 LOADED  
 IN SAME DIRECTION AS ARROW ON TUBE)



-02: SURFACE MOUNT IN-PROCESS 2

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

CPC  
 THIS SHEET

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1

C6, C7, C10

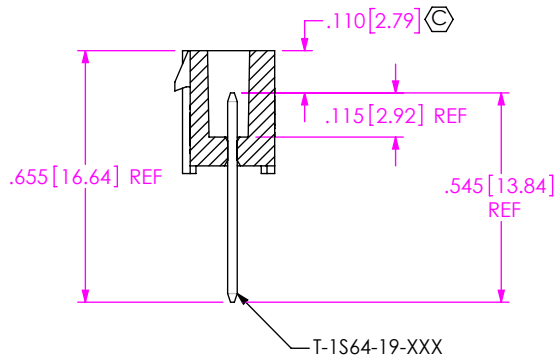
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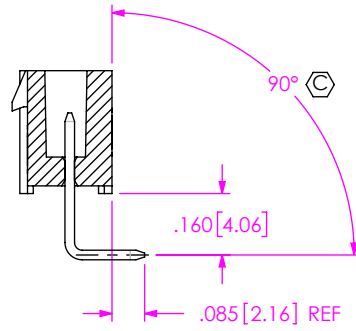
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DWG. NO.  
**IPL1-1XX-XX-XXX-S-XX-X-XX**

BY: D PURVIS 05/02/2005 SHEET 2 OF 3



-RA: IN-PROCESS 1



-RA: IN-PROCESS 2

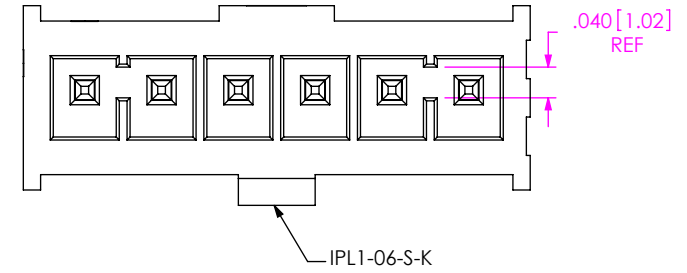


FIG 4  
-K: KEYED POLARIZATION  
(IPL1-106-01-XXX-S-K SHOWN)  
(SAME AS FIG 1 UNLESS OTHERWISE STATED)

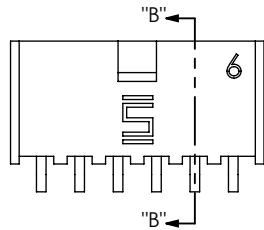
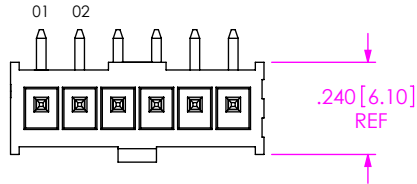


FIG 3  
-RA: RIGHT ANGLE  
IPL1-106-01-XXX-S-RA SHOWN  
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1]

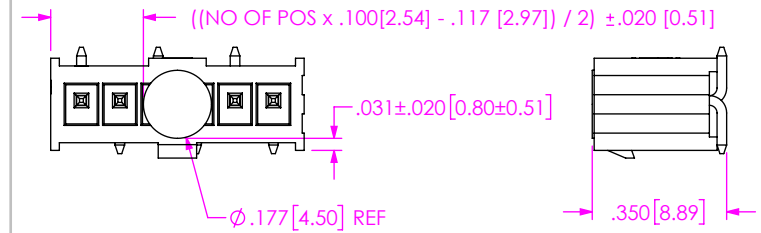
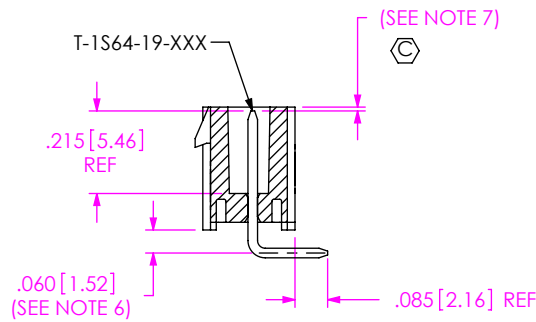


FIG 5  
(IPL1-106-02-XXX-S-TR SHOWN)  
(MUST USE K-DOT-.177-.281-.005)  
(SAME AS FIG 2 UNLESS OTHERWISE STATED)  
SECTION B-B

CPC  
THIS SHEET

C8, C9, C11

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