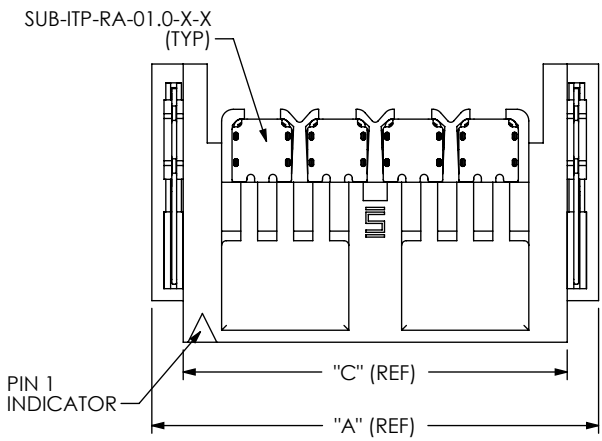


DO NOT SCALE FROM THIS PRINT



IP5-XX-01-X-X-XXX-X-TR

- No. OF POSITIONS PER ROW
- *-01: 1 POSITION
 - 02: 2 POSITIONS
 - 04: 4 POSITIONS
 - 06: 6 POSITIONS
 - 08: 8 POSITIONS
 - *-10: 10 POSITIONS

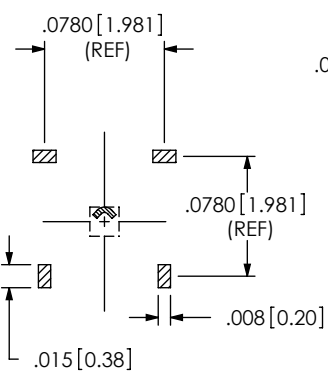
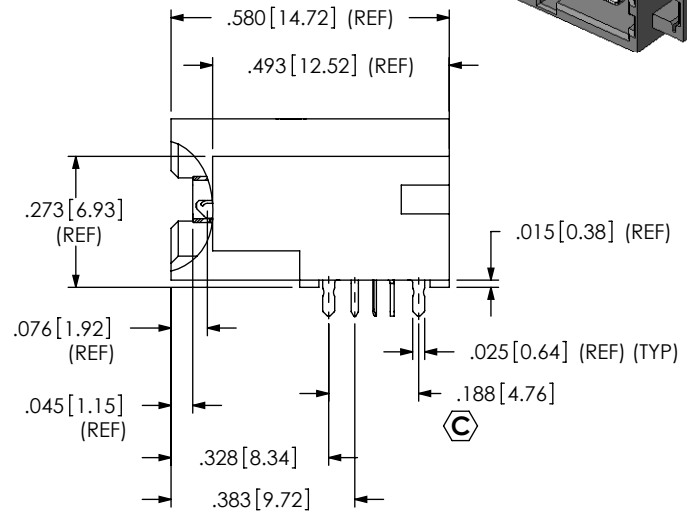
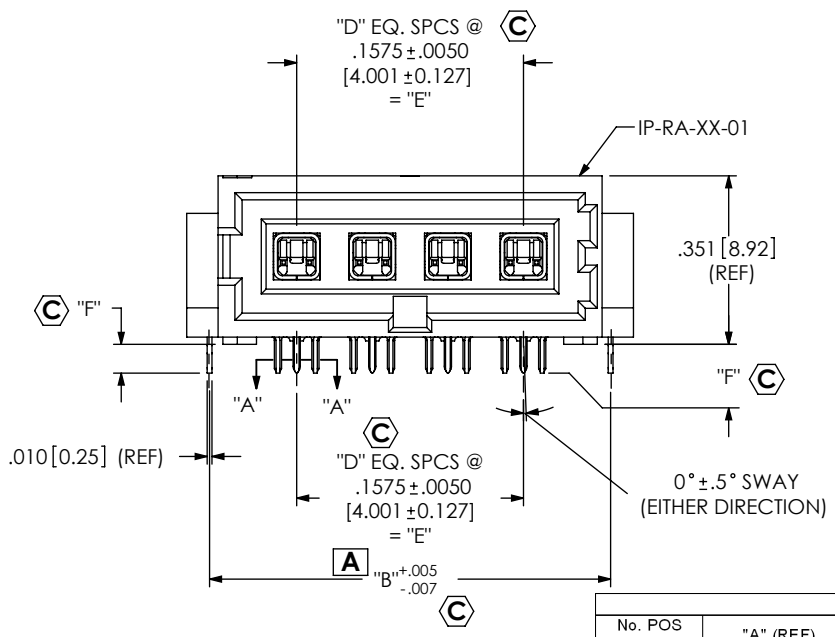
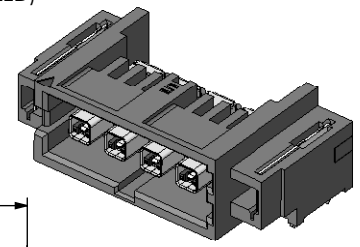
- LEAD STYLE
- 01: RIGHT ANGLE

- PLATING OPTIONS
- L: 10μ" GOLD, MATTE TIN ON SIGNAL TAILS, SHIELDS, & WELD TABS

- PACKAGING
- TR: TAPE AND REEL (SEE NOTE 3)
- OPTIONS
- L: CABLE LATCH
- TAIL OPTIONS
- RA1: .062" THICK BOARD
 - *-RA2: .093" THICK BOARD

- ROW
- S: SINGLE ROW

(* = NOT TOOLED)



SECTION "A"- "A"
SCALE 8 : 1

FIG. 1
(IP5-04-01-L-S-XXX-X SHOWN)

TABLE 2

No. POS PER ROW	"A" (REF)	"B"	"C" (REF)	"D"	"E"
*-01	0.458 [11.64]	0.365 [9.27]	0.328 [8.32]	N/A	N/A
-02	0.616 [15.64]	0.523 [13.27]	0.485 [12.32]	1	0.1575 [4.001]
-04	0.931 [23.64]	0.838 [21.27]	0.800 [20.32]	3	0.4725 [12.002]
-06	1.246 [31.64]	1.153 [29.27]	1.115 [28.32]	5	0.7875 [20.003]
-08	1.561 [39.64]	1.468 [37.27]	1.430 [36.32]	7	1.1025 [28.004]
*-10	1.876 [47.64]	1.783 [45.28]	1.745 [44.32]	8	1.4175 [36.005]

(* = NOT TOOLED)

TABLE 3

-TAIL OPTION	"F"	
-RA1	0.060	[1.52]
*-RA2	0.090	[2.29]

(* = NOT TOOLED)

TABLE 1

ASSEMBLY	BODY	SUB-ASSEMBLY	WELD TAB
IP5-XX-01-L-S-RA1	IP-RA-XX-01	SUB-ITP-RA-01.0-1-X	*WT-45-01-T
IP5-XX-01-L-S-RA2		SUB-ITP-RA-01.0-2-X	*WT-45-02-T
IP5-XX-01-L-S-RA1-L	IP-RA-XX-01-L	SUB-ITP-RA-01.0-1-X	*WT-45-01-T
IP5-XX-01-L-S-RA2-L		SUB-ITP-RA-01.0-2-X	*WT-45-02-T

(* = NOT TOOLED)

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [MILLIMETERS]

TOLERANCES ARE:

DECIMALS ANGLES

.XX: ±.01 [.3] 2°

.XXX: ±.005 [.13]

.XXXX: ±.0030 [.076]

PROPRIETARY NOTE

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e-Mail: info@SAMTEC.com code: 55322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 4:1

BODY: HIGH TEMP NYLON
SHIELD & WELD TAB: PHOS BRZ.
TERMINAL: COPPER ALLOY
DIELECTRIC: LCP, COLOR: BLACK

DESCRIPTION:
IP5-RA CONNECTOR ASSEMBLY

DWG. NO.
IP5-XX-01-X-X-XXX-X-TR

BY: KNOWLDEN 6/27/08 SHEET 1 OF 2

- NOTES:
- ⊕ REPRESENTS A CRITICAL DIMENSION.
 - PARTS TO BE PACKAGED IN TRAYS.
 - FOR QUANTITIES UP TO 49 PIECES, NO LEADER, TRAILER OR REEL WILL BE SUPPLIED. FOR QUANTITIES OF 50-124 PIECES, NO LEADER OR TRAILER WILL BE SUPPLIED.
 - IP5-RA AND WT PUSH OUT AND RETENTION FORCE TO BE .5 LBS (2.2N)

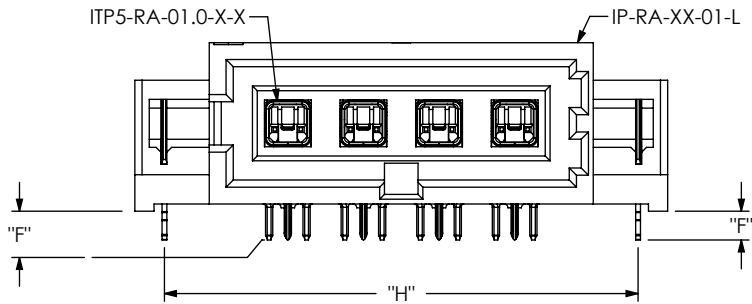
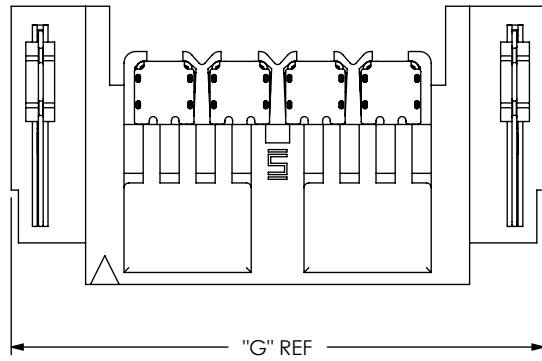
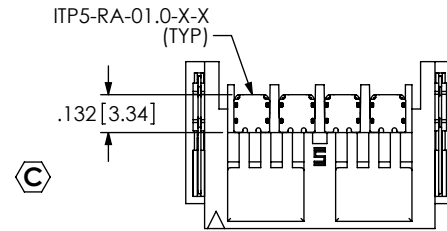


FIG.2
(IP5-04-01-L-S-XXX-L SHOWN)
(SAME AS FIG. 1, EXCEPT AS SHOWN)

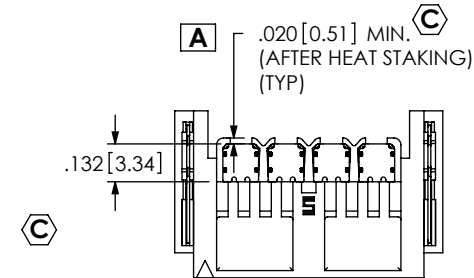
TABLE 4				
No. POS PER ROW	"G" (REF)		"H"	
	*-01	0.638	[16.19]	0.514
-02	0.795	[20.19]	0.672	[17.06]
-04	1.110	[28.19]	0.987	[25.06]
-06	1.425	[36.20]	1.302	[33.06]
-08	1.740	[44.20]	1.617	[41.06]
*-10	2.055	[52.20]	1.932	[49.07]

(* = NOT TOOLED)

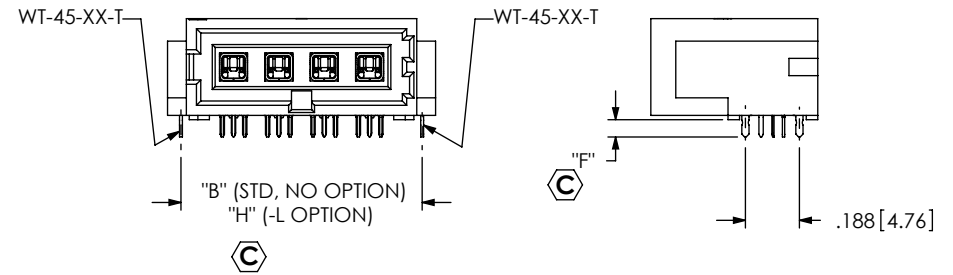
PROCESS STEP 1
(FILLING ITP-RA SUB ASSEMBLIES INTO BODY)



PROCESS STEP 2
(HEAT STAKING ITP-RA SUB ASSEMBLIES INTO BODY)



PROCESS STEP 3
(FILL WT-45-XX-T WELD TABS)



CRITICAL DIMENSION INSPECTION INSTRUCTION TABLE

ASSEMBLY OPERATION	START-UP INSPECTION INSPECT CODE A	IN-PROCESS INSPECTION INSPECT CODE B
FILL ITP5-RA SUB ASSEMBLIES INTO BODY		C1
HEAT STAKING SUB ASSEMBLIES IN BODY		C3, C4, C6
FILL WT-45-XX-T INTO BODY		C5
FINAL ASSEMBLY		C7, C8, C9, C10

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e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
IP5-RA CONNECTOR ASSEMBLY

DWG. NO.
IP5-XX-01-X-X-XXX-X-TR

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