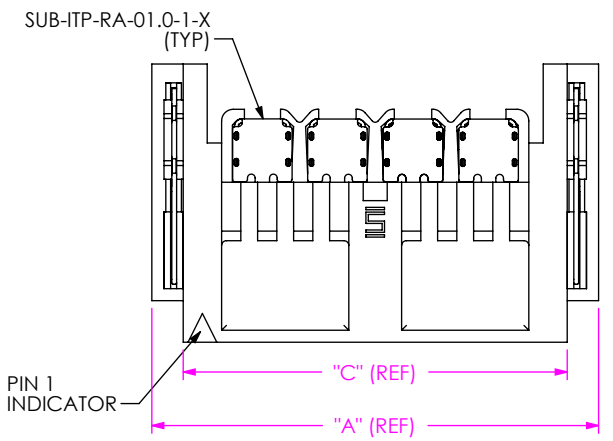


REVISION F

DO NOT SCALE FROM THIS PRINT

IP5-XX-01-X-X-RA1-X-XR



No. OF POSITIONS PER ROW
 -02: 2 POSITIONS
 -04: 4 POSITIONS
 -06: 6 POSITIONS
 -08: 8 POSITIONS

LEAD STYLE
 -01: RIGHT ANGLE

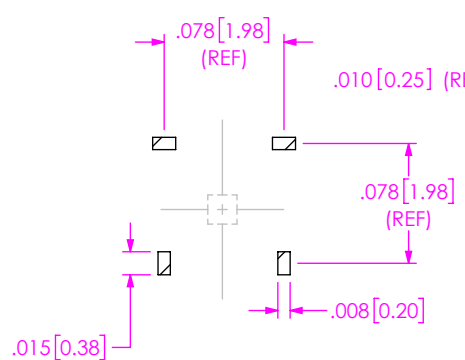
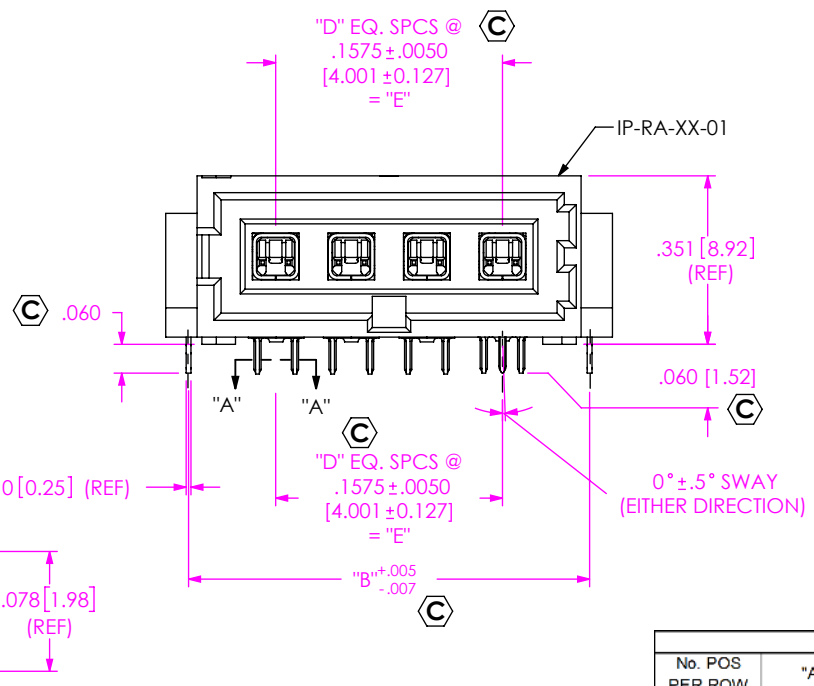
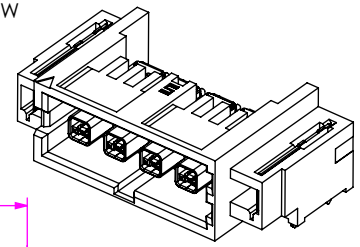
PLATING OPTIONS
 -L: 10μ" GOLD ON CONTACT, MATTE TIN ON SIGNAL TAILS, SHIELDS, & WELD TABS
 -S: 30μ" GOLD ON CONTACT, MATTE TIN ON SIGNAL TAILS, SHIELDS, & WELD TABS

PACKAGING (SEE NOTE 6 & 7)
 -TR: TAPE AND REEL
 -FR: FULL REEL QTY TAPE & REEL

OPTIONS
 -L: CABLE LATCH

TAIL OPTIONS
 -RA1: .062" THICK BOARD

ROW
 -S: SINGLE ROW



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"
-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]

TABLE 1

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

- NOTES:**
1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
 2. DELETED
 3. NOTE DELETED
 4. ITP5-RA AND WT PUSH OUT TO BE .5 LBS (2.2N)
 5. TAPE & REEL IS STANDARD PACKAGING.
 6. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM
 7. ATTACH LABEL -4X2 TO EACH REEL

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [MILLIMETERS]

TOLERANCES ARE:
 DECIMALS ANGLES
 .XX: ±.01 [.3] 2°
 .XXX: ±.005 [.13]
 .XXXX: ±.0030 [.076]

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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



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

DESCRIPTION:
 IP5-RA CONNECTOR ASSEMBLY

DWG. NO.
IP5-XX-01-X-X-RA1-X-XR

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

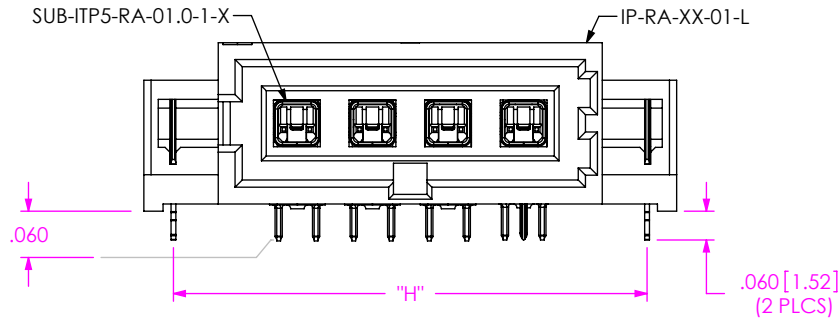
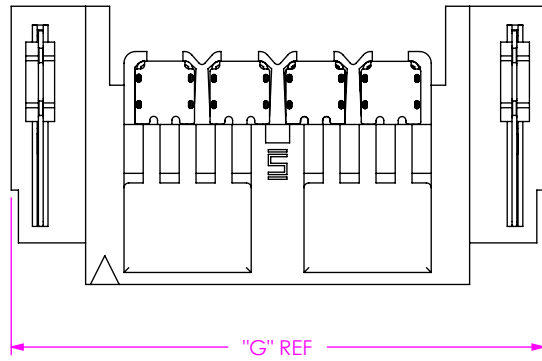
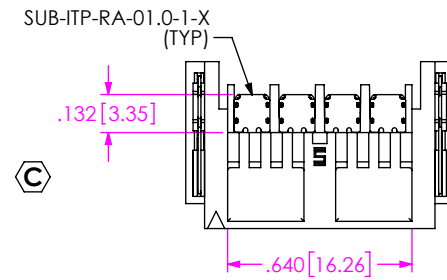


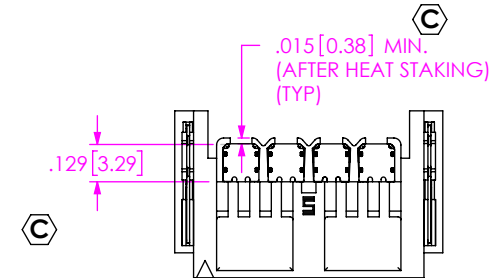
FIG 2
(IP5-04-01-L-S-XXX-L SHOWN)
(SAME AS FIG 1, EXCEPT AS SHOWN)

TABLE 4				
No. POS PER ROW	"G" (REF)		"H"	
	-02	0.795	[20.19]	0.672
-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]

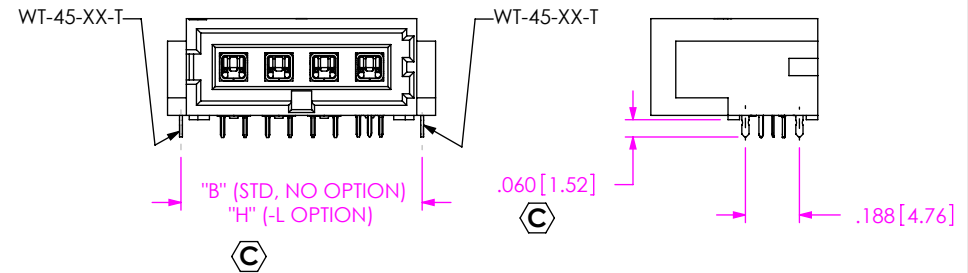
PROCESS STEP 1
(FILLING ITP-RA SUB ASSEMBLIES INTO BODY)



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



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



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DO NOT SCALE DRAWING

SHEET SCALE: 4:1

samtec

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

DESCRIPTION:
IP5-RA CONNECTOR ASSEMBLY

DWG. NO.
IP5-XX-01-X-X-RA1-X-XR

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