REVISION C

DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN MILLIMETERS[INCHES]

HSEC8-1XX-XX-X-PV-X-X-XX

SIGNAL POS (PER ROW)
-20, -30, -40

CARD THICKNESS
-01: 1.57 [.062] CARD

OPTION
-WT: WELD TAB

POWER TAIL LENGTH
-1: 1.57 [.062] PCB THICKNESS
-2: 2.36 [.093] PCB THICKNESS
(SEE TABLE 2, SHT 2)

POWER POS (TOTAL)
-2, -4

ROW SPECIFICATIONS
POWER VERTICAL

PLATING SPECIFICATION
-L: 10µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-S: 30µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

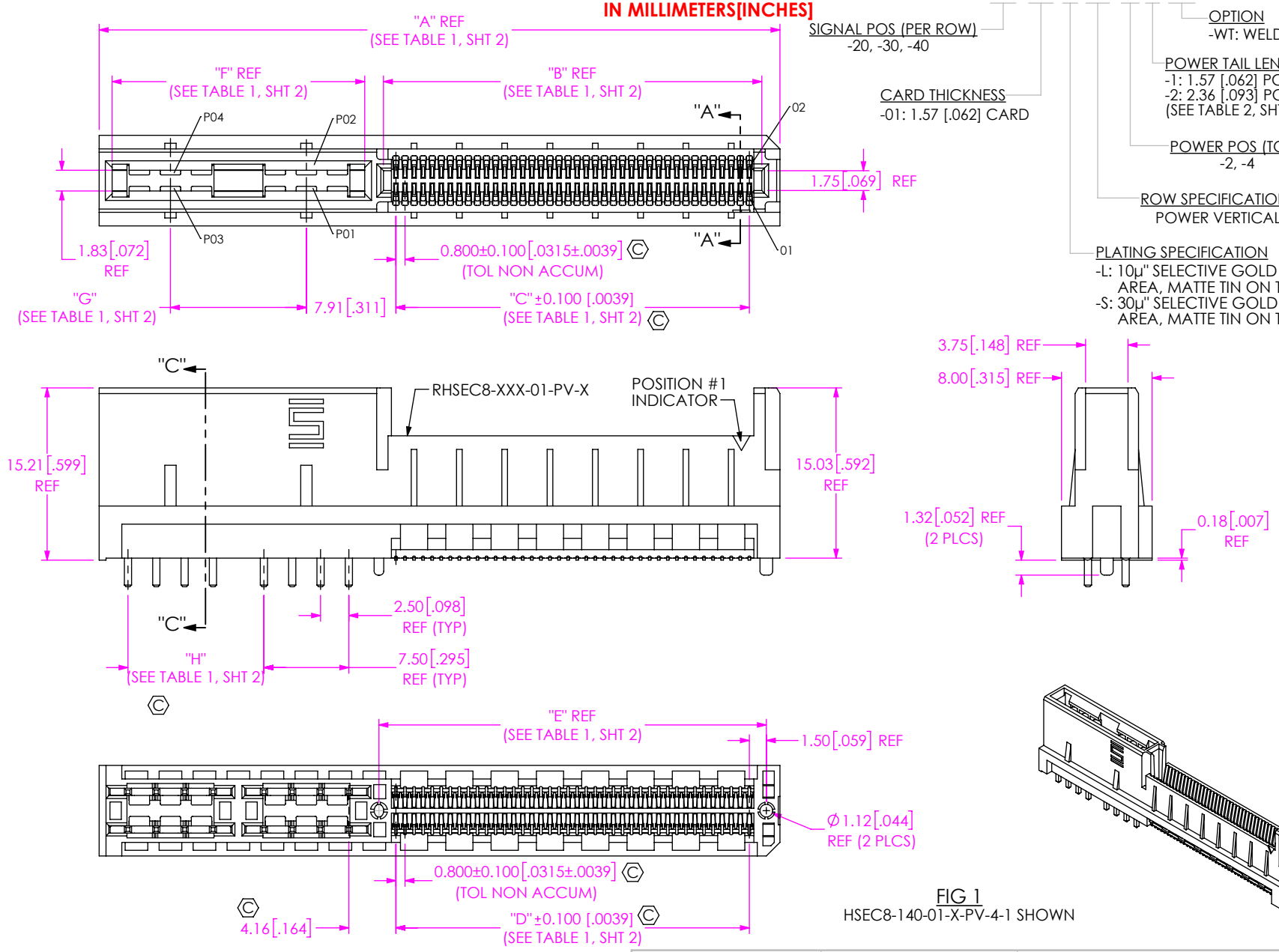


FIG 1
HSEC8-140-01-X-PV-4-1 SHOWN

NOTES:

1. Ⓒ REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE: 0.15[.006] MAX.
3. MINIMUM PUSHOUT FORCE: SIGNAL: 0.5 LBS, POWER PIN: 3.0 LBS.
4. THESE DIMENSIONS MEASURED TIP TO TIP.
5. ASSEMBLIES TO BE PACKAGED IN TRAYS.
6. MATING EDGE CARD THICKNESS TOLERANCE TO BE ±0.15 [.006] OF NOMINAL.
7. MATING CARD MUST HAVE LEAD-IN. SEE SAMTEC FOOTPRINT FOR SPECIFICATIONS.
8. COPLANARITY MEASUREMENT INCLUDES STANDOFF.
9. NOT RECOMMENDED FOR INVERTED REFLOW SOLDER.

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

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1

INSULATOR: LCP, UL 94 V0, COLOR: BLACK
SIGNAL CONTACT: BeCu
POWER CONTACT: PHOS BRONZE

samtec
520 PARK EAST BLVD, NEW ALBANY, IN 47150
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e-Mail info@SAMTEC.com code 55322

DESCRIPTION:
HSEC8 MIXED POWER & SIGNAL ASSEMBLY

DWG. NO.
HSEC8-1XX-XX-X-PV-X-X-XX

BY: JESSIE W 10/21/2013 SHEET 1 OF 4

F:\DWG\MISC\MKTG\HSEC8-1XX-XX-X-PV-X-X-XX-MKT.SLDDRW

REVISION C

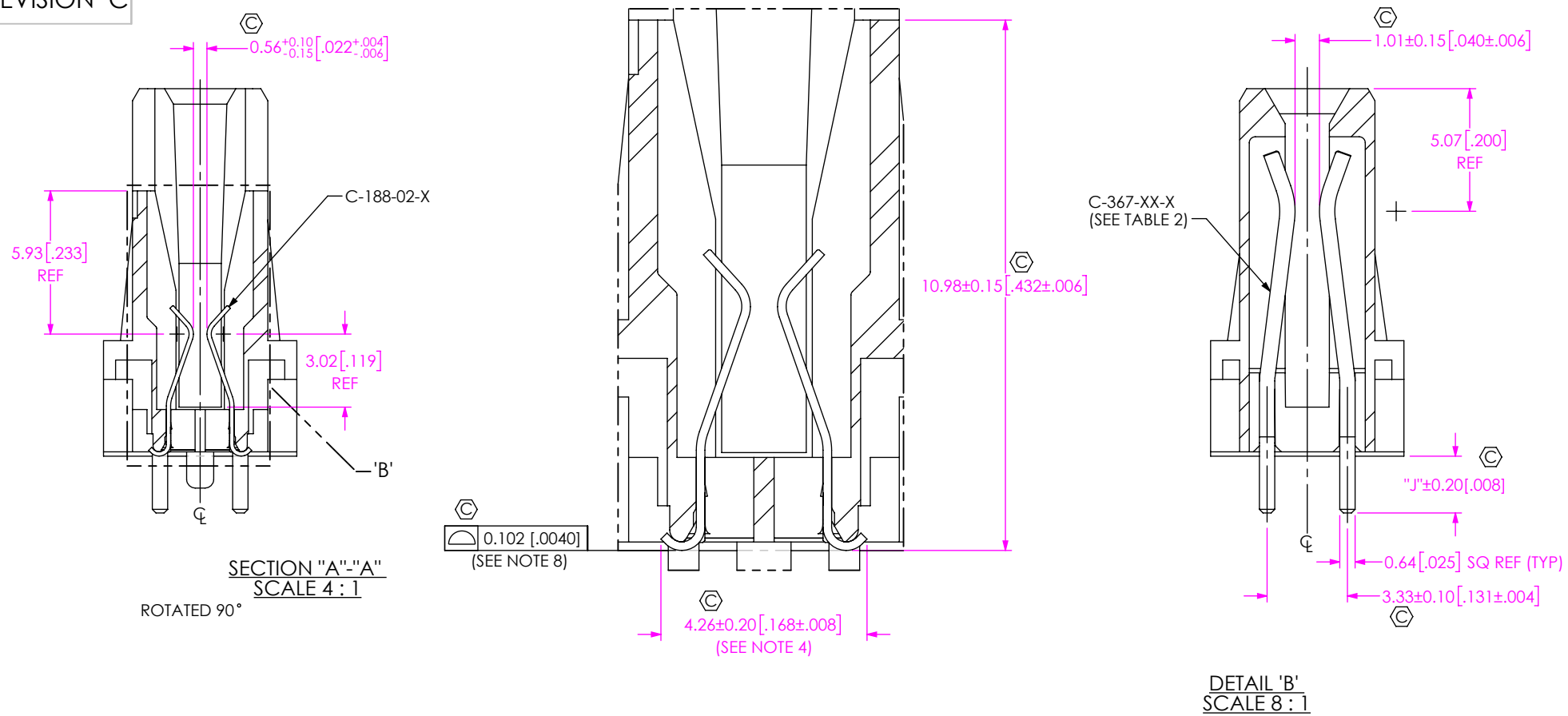


TABLE 1

PART NUMBER	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"
HSEC8-120-01-X-PV-2-X-XX	32.10 [1.264]	17.40 [0.685]	15.200 [0.5984]	15.200 [0.5984]	18.20 [0.717]	10.30 [0.406]	N/A	N/A
HSEC8-130-01-X-PV-2-X-XX	40.10 [1.579]	25.40 [1.000]	23.200 [0.9134]	23.200 [0.9134]	26.20 [1.031]	10.30 [0.406]	N/A	N/A
HSEC8-140-01-X-PV-2-X-XX	48.10 [1.894]	33.40 [1.315]	31.200 [1.2283]	31.200 [1.2283]	34.20 [1.346]	10.30 [0.406]	N/A	N/A
HSEC8-120-01-X-PV-4-X-XX	44.10 [1.736]	17.40 [0.685]	15.200 [0.5984]	15.200 [0.5984]	18.20 [0.717]	22.30 [0.878]	12.00 [0.472]	12.00 [0.472]
HSEC8-130-01-X-PV-4-X-XX	52.10 [2.051]	25.40 [1.000]	23.200 [0.9134]	23.200 [0.9134]	26.20 [1.031]	22.30 [0.878]	12.00 [0.472]	12.00 [0.472]
HSEC8-140-01-X-PV-4-X-XX	60.10 [2.366]	33.40 [1.315]	31.200 [1.2283]	31.200 [1.2283]	34.20 [1.346]	22.30 [0.878]	12.00 [0.472]	12.00 [0.472]

TABLE 2

POWER TAIL LENGTH	"J"	C-367-XX-X
-1	2.35 [0.093]	C-367-02-X
-2	3.13 [0.123]	C-367-03-X

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SHEET SCALE: 2:1

DESCRIPTION: HSEC8 MIXED POWER & SIGNAL ASSEMBLY

DWG. NO. HSEC8-1XX-XX-X-PV-X-X-XX

BY: JESSIE W 10/21/2013 SHEET 2 OF 4

REVISION C

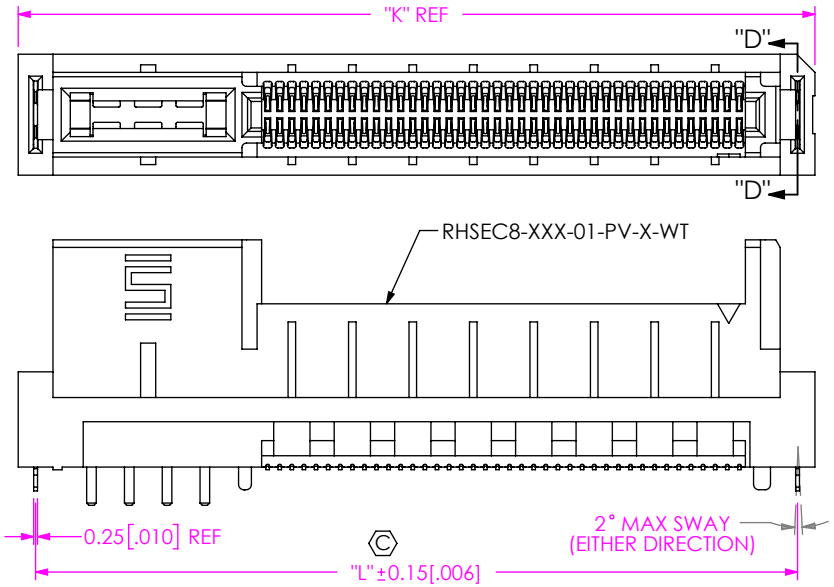
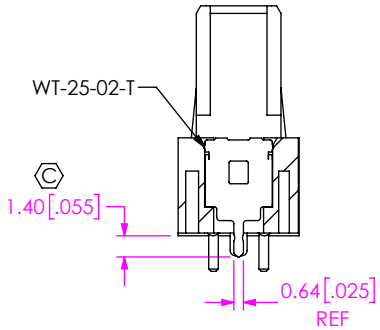


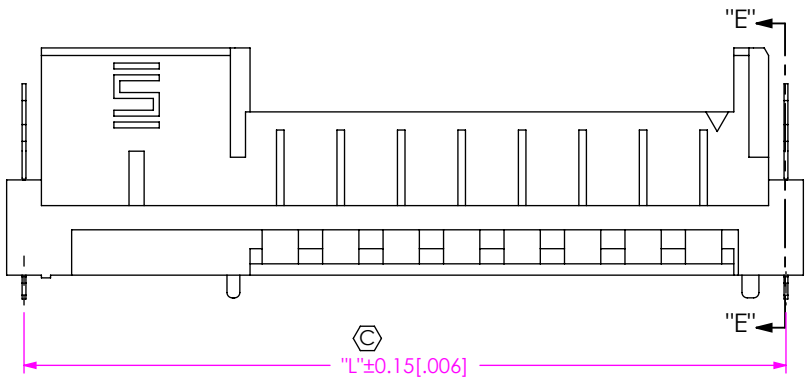
FIG 2
HSEC8-140-01-X-PV-2-1-WT SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

TABLE 3		
PART NUMBER	"K"	"L"
HSEC8-120-01-X-PV-2-X-WT	36.70 [1.445]	34.40 [1.354]
HSEC8-130-01-X-PV-2-X-WT	44.70 [1.760]	42.40 [1.669]
HSEC8-140-01-X-PV-2-X-WT	52.70 [2.075]	50.40 [1.984]
HSEC8-120-01-X-PV-4-X-WT	48.70 [1.917]	46.40 [1.827]
HSEC8-130-01-X-PV-4-X-WT	56.70 [2.232]	54.40 [2.142]
HSEC8-140-01-X-PV-4-X-WT	64.70 [2.547]	62.40 [2.457]

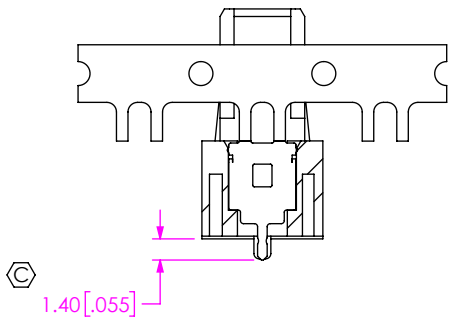


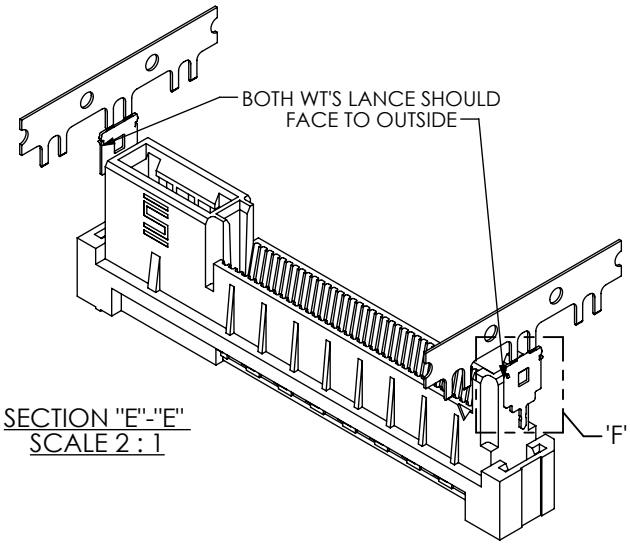
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SECTION "D
SCALE 2

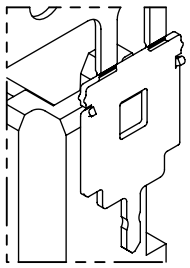


IN-PROCESS 1
FILL WT-25-02-T
(FOR -WT OPTION ONLY)





SECTION "E"-"E"
SCALE 2 : 1



DETAIL 'F'
SCALE 4 : 1

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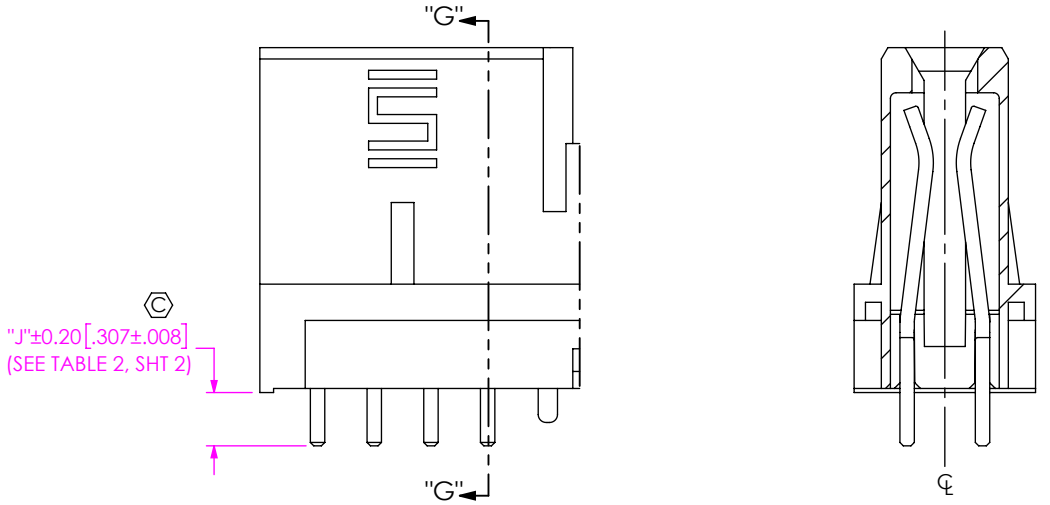
DESCRIPTION:
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DWG. NO.
HSEC8-1XX-XX-X-PV-X-X-XX

BY: JESSIE W 10/21/2013 SHEET 3 OF 4

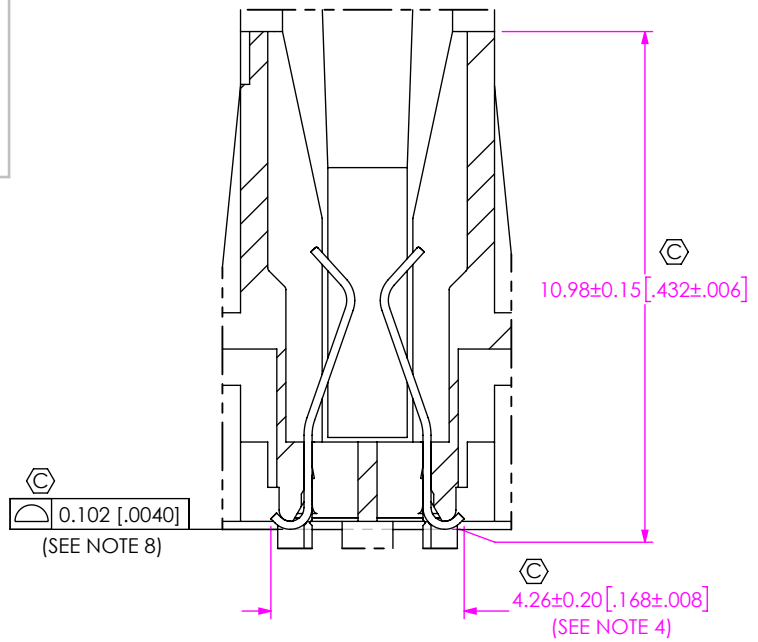
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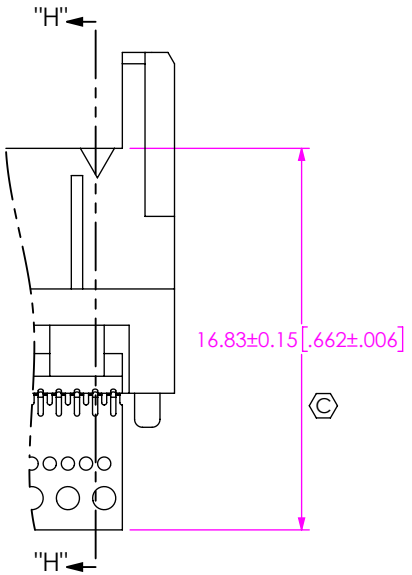
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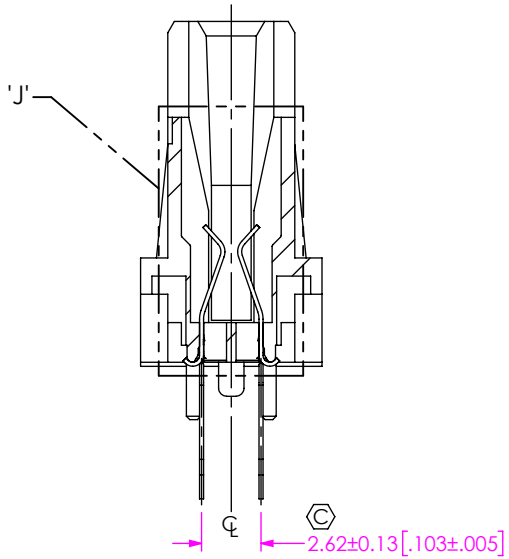


IN-PROCESS 2
FILL C-367-XX-X

SECTION "G"-"G"







IN-PROCESS 3
FILL C-188-02-X

SECTION "H"-"H"

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HSEC8-1XX-XX-X-PV-X-X-XX

BY:JESSIE W 10/21/2013 SHEET 4 OF 4

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FFSD-25-D-03.50-01-N-R GRF1-P-P-04-E-ST-TH1 ESQT-135-02-F-D-760 FFSD-25-D-02.50-01-N
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