



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



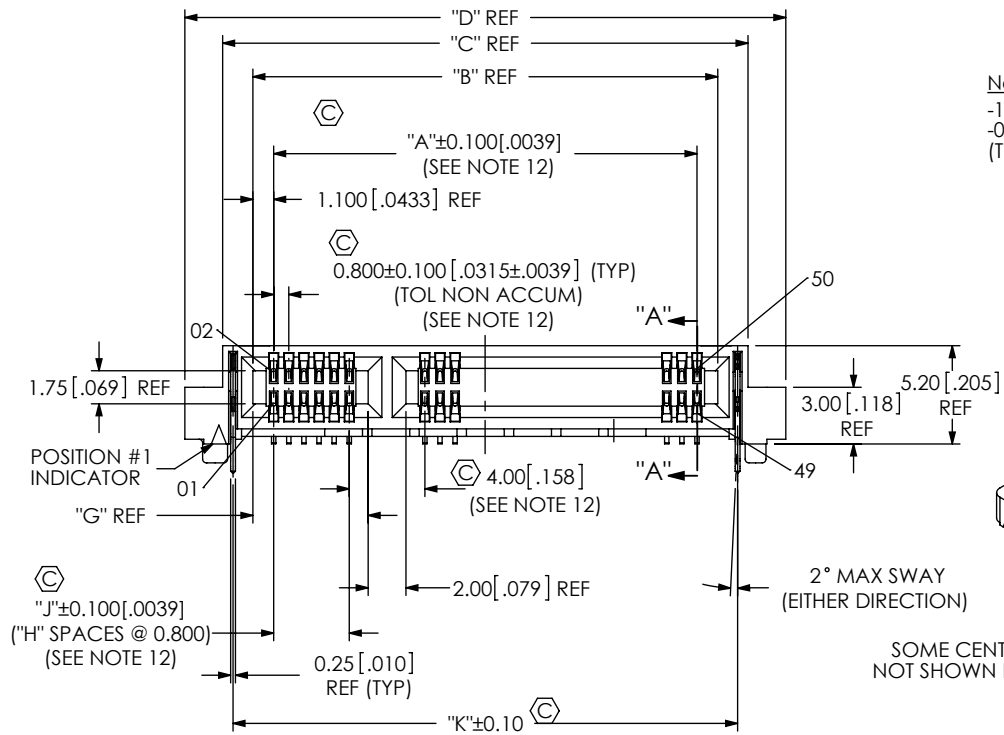
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**HSEC8-1XX-XX-X-RA-XX-XX**

**PACKAGING**  
-TR: TAPE & REEL

**OPTION**  
-BL: BOARD LOCK OPTION  
(USE HSEC8-XXX-01-RA-BL)  
(AVAILABLE IN -09, -13, \*-20, -25, -40, -49, -50, -60 POS ONLY, SEE FIG 2, SHT 3)  
-L2: ECDP LATCHING OPTION  
(USE HSEC8-XXX-01-RA-L2)  
(AVAILABLE IN -09, -13, -25, -49 POS ONLY, SEE FIG 3, SHT 3)

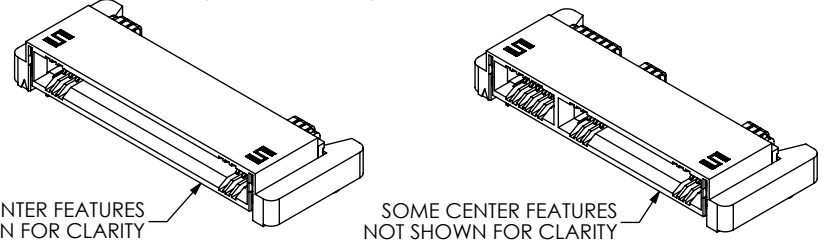
**ROW SPECIFICATION**  
-RA: RIGHT ANGLE  
(USE HSEC8-XXX-01-RA-XX)

**No OF POSITIONS**  
-10, -20, -30 (ONE BANK OPTIONS)  
-09, -13, -25, -40, -49, -50, -60 (TWO BANK OPTIONS)

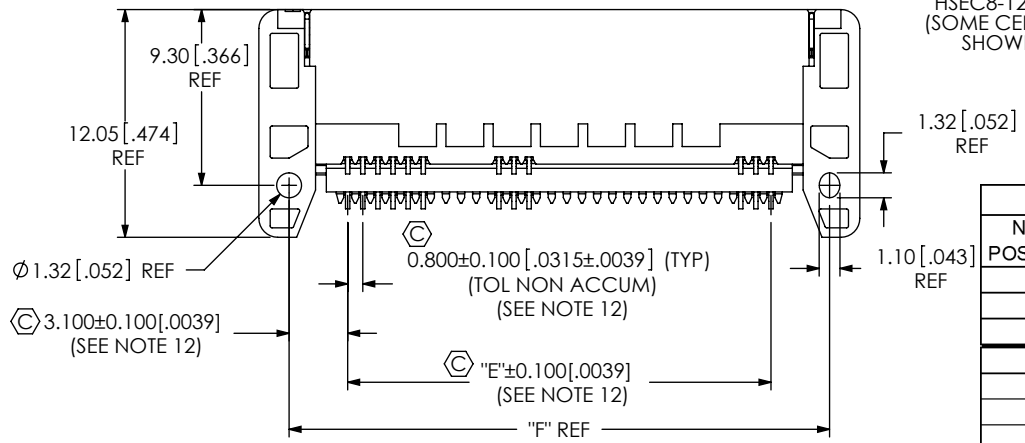
**CARD THICKNESS**  
-01: 1.57mm [.062] THICK CARD

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

(\* = NOT TOOLED)



**FIG 1**  
HSEC8-125-01-X-RA SHOWN  
(SOME CENTER FEATURES NOT SHOWN FOR CLARITY)



**TABLE 2**

No OF POSITIONS	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"J"	"K"
-10	7.200	9.400	12.600	16.60	7.200	13.40	NA	NA	NA	11.51
-20	15.200	17.400	20.600	24.60	15.200	21.40	NA	NA	NA	19.51
-30	23.200	25.400	28.600	32.60	23.200	29.40	NA	NA	NA	27.51
-09	9.600	11.800	15.000	19.00	9.600	15.80	4.500	3	2.400	13.91
-13	12.800	15.000	18.200	22.20	12.800	19.00	6.100	5	4.000	17.11
-25	22.400	24.600	27.800	31.80	22.400	28.60	6.100	5	4.000	26.71
-40	34.400	36.600	39.800	43.80	34.400	40.60	18.900	21	16.800	38.71
-49	41.600	43.800	47.000	51.00	41.600	47.80	22.900	26	20.800	45.91
-50	42.400	44.600	47.800	51.80	42.400	48.60	22.900	26	20.800	46.71
-60	50.400	52.600	55.800	59.80	50.400	56.60	26.900	31	24.800	54.71

- NOTES:**
1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
  2. MAXIMUM BURR ALLOWANCE: 0.05[.002].
  3. MINIMUM RETENTION FORCE: 2.22N[.500 LB] FOR PINS AND WELD TAB.
  4. MEASURE AT BEND TANGENCY.
  5. NOTE DELETED.
  6. PARTS TO BE PACKAGED IN TRAY, UNLESS -TR OPTION IS SPECIFIED.
  7. NOTE DELETED.
  8. DIMENSIONS MUST BE MEASURED ON 4 CONSECUTIVE PINS ON EACH END OF THE CONNECTOR.
  9. NOTE DELETED.
  10. NOTE DELETED.
  11. LTC-XX TO BE IN CLOSED POSITION AS SHOWN.
  12. MEASURE BOTH TOP AND BOTTOM ROWS.
  13. NOTE DELETED.
  14. SEE CO-AU-WI-3163-M DOCUMENT FOR CRITICAL MEASUREMENT SPECIAL INSTRUCTIONS.
  15. SEE SUB-C-272-XX-X FOR PROCESS DESCRIPTION AND REQUIREMENTS.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS. TOLERANCES ARE:

DECIMALS ANGLES  
X.X: ±0.3 [.01] 2°  
X.XX: ±0.13 [.005]  
X.XXX: ±0.051 [.0020]

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**MATERIAL:** DO NOT SCALE DRAWING SHEET SCALE: 2.5:1  
INSULATOR: LCP UL94V-0, COLOR: BLACK  
CONTACT: BeCu  
WELD TAB: BRASS

**DESCRIPTION:**  
0.8MM HIGH SPEED ASSEMBLY

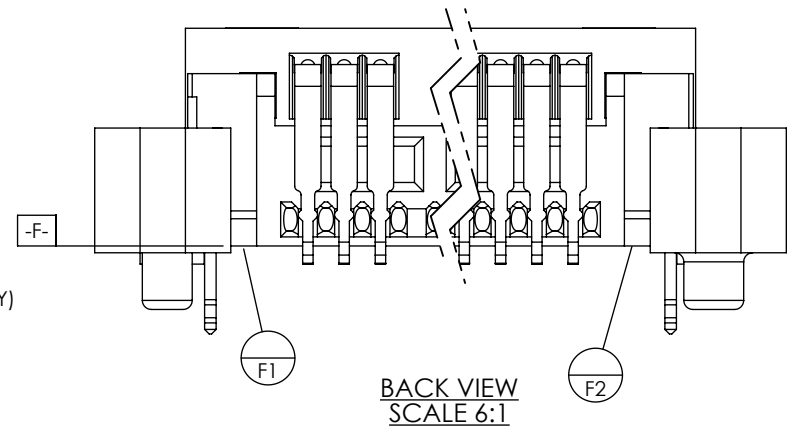
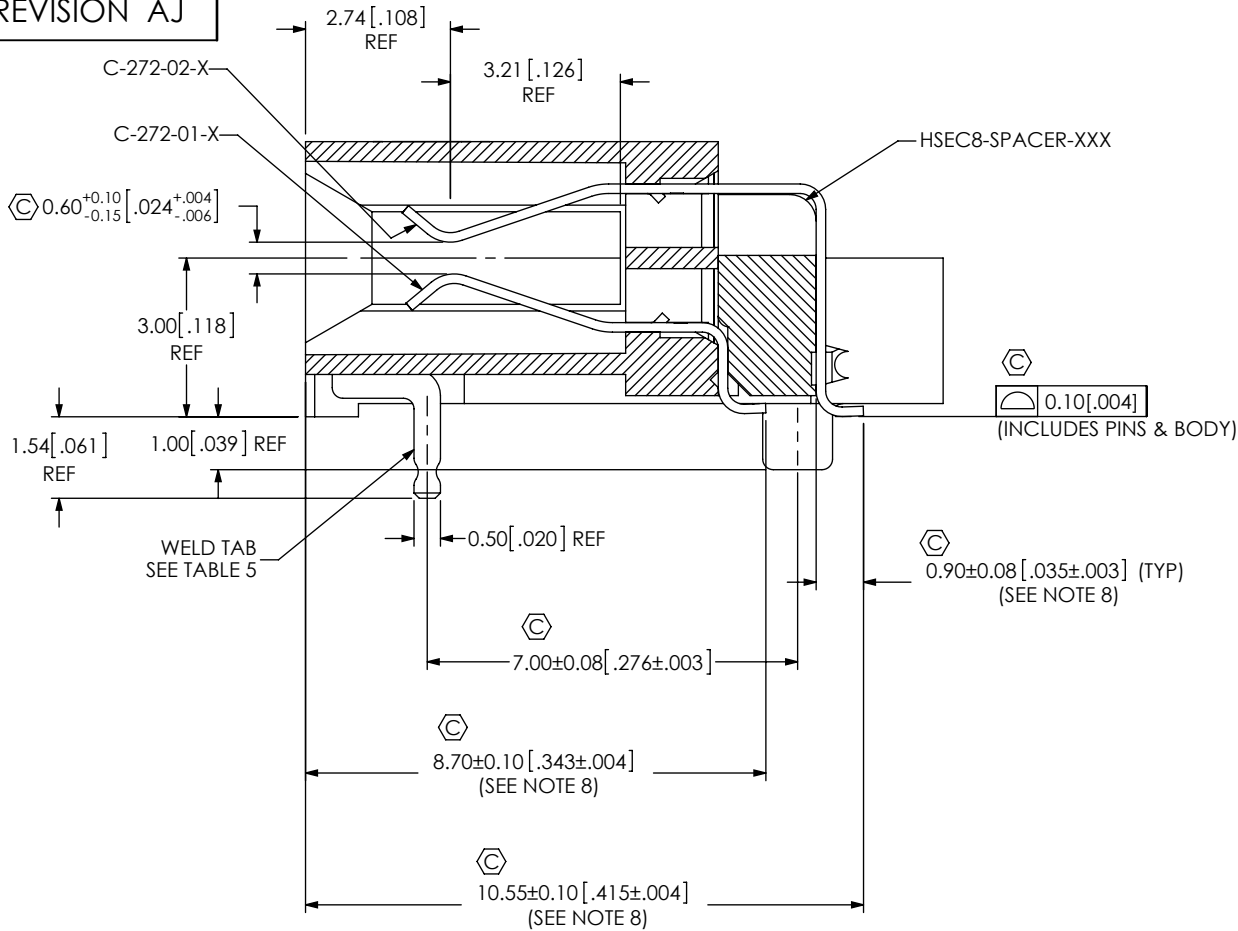
**DWG. NO.**  
HSEC8-1XX-XX-X-RA-XX-XX

**BY: ROY LUO 11/05/2008 SHEET 1 OF 4**

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

REVISION AJ



SECTION "A"- "A"

OPTION	WT-51-XX-T
NO OPTION	WT-51-01-T
-BL	WT-51-01-T
-L2	WT-51-02-T

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SHEET SCALE: 7:1

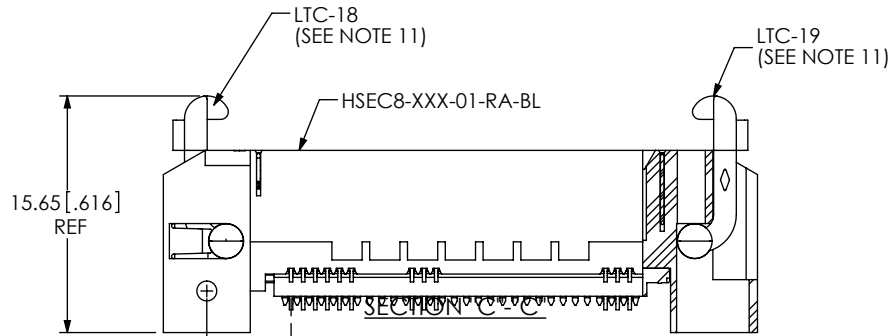


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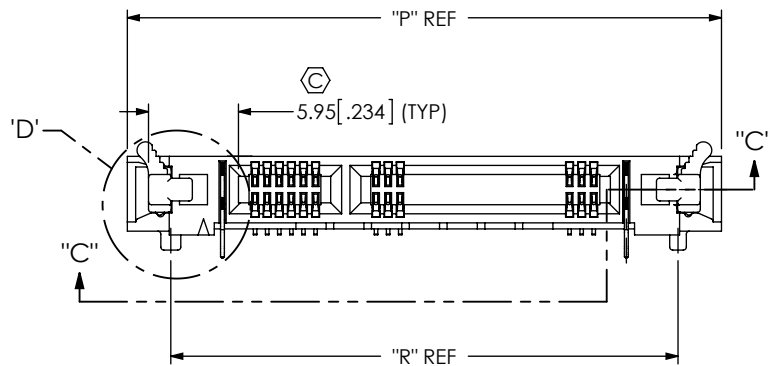
DESCRIPTION:  
 0.8MM HIGH SPEED ASSEMBLY

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

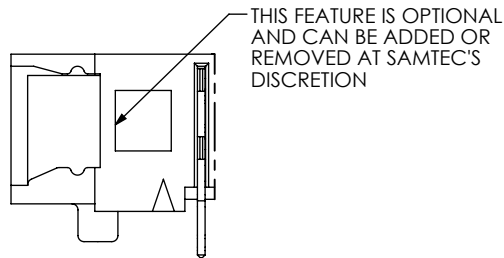
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⊕ 5.575±0.100 [.2195±.0039]



**FIG 2**  
 -BL: BOARD LOCK OPTION ONLY AVAILABLE FOR -09, -13, \*-20, -25, -40, -49, -50, -60 POSITIONS (SAME AS FIG 1, UNLESS OTHERWISE STATED)  
 HSEC8-125-01-X-RA-BL SHOWN (SOME CENTER FEATURES NOT SHOWN FOR CLARITY)  
 (\* = NOT TOOLED)

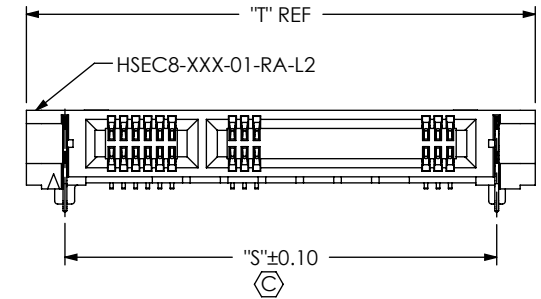
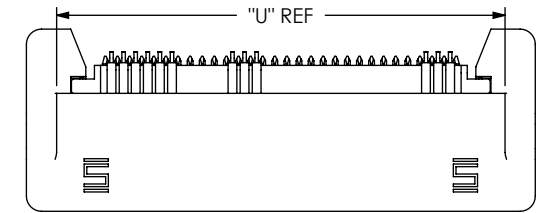


DETAIL 'D'  
 SCALE 4:1

LTC-XX REMOVED FOR CLARITY

No OF POSITIONS	"P"	"R"
-09	26.50	20.75
-13	29.70	23.95
*-20	32.10	26.35
-25	39.30	33.55
-40	51.30	45.55
-49	58.50	52.75
-50	59.30	53.55
-60	67.30	61.55

\* = NOT TOOLED



**FIG 3**  
 -L2: ECDP LATCHING OPTION  
 AVAILABLE ONLY IN -09, -13, -25 & -49 POSITIONS  
 SAME AS FIG 1, UNLESS OTHERWISE STATED  
 HSEC8-125-01-X-RA-L2 SHOWN

No OF POSITIONS	"S"	"T"	"U"
-09	15.76	20.86	16.86
-13	18.96	24.06	20.06
-25	28.56	33.66	29.66
-49	47.76	52.86	48.86

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SHEET SCALE: 2:1

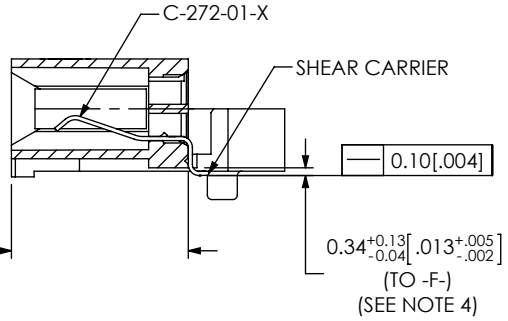
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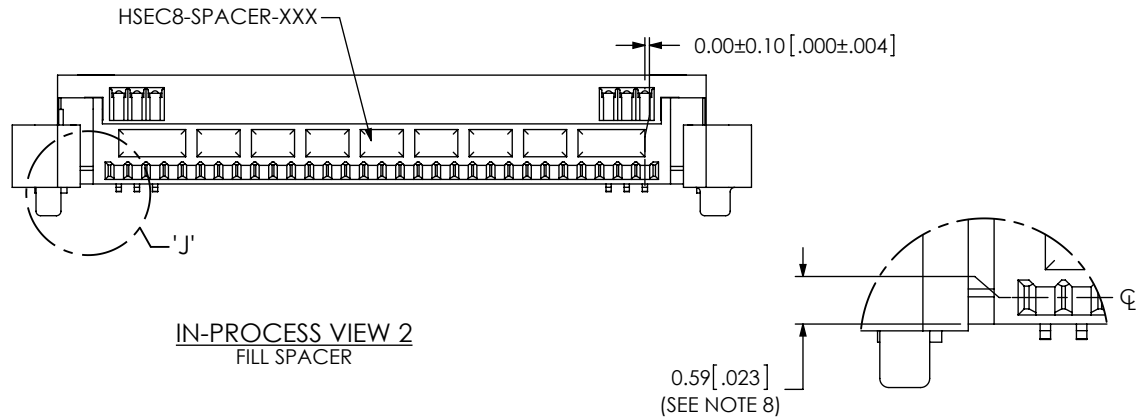
DESCRIPTION:  
 0.8MM HIGH SPEED ASSEMBLY

DWG. NO.  
**HSEC8-1XX-XX-X-RA-XX-XX**

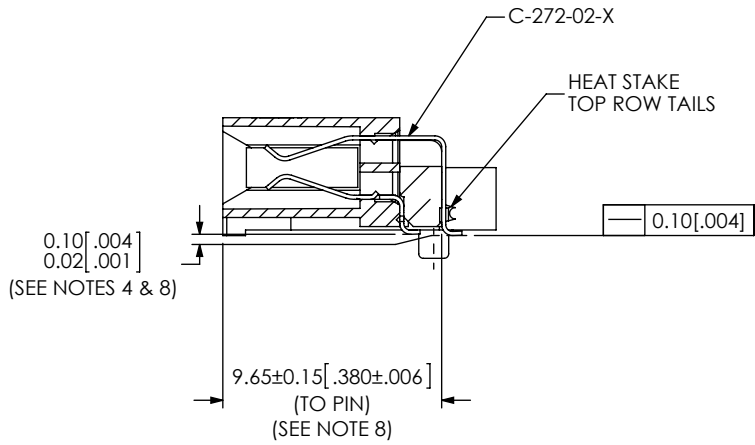
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IN-PROCESS VIEW 1  
FILL FIRST ROW



IN-PROCESS VIEW 2  
FILL SPACER



IN-PROCESS VIEW 3  
FILL SECOND ROW

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