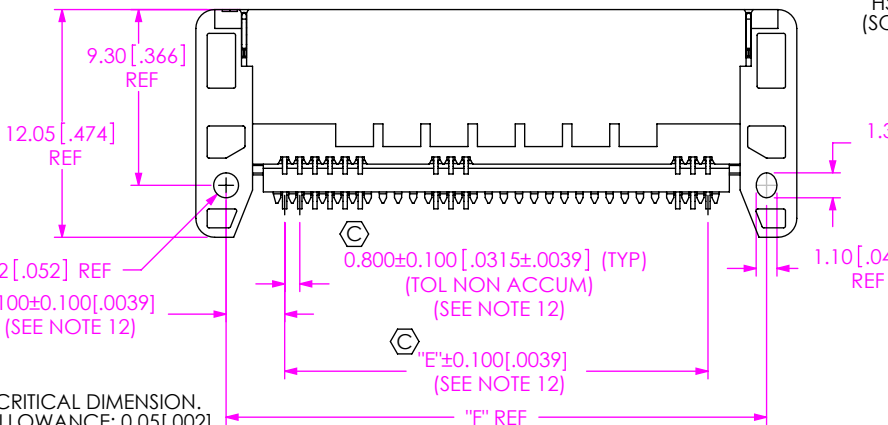
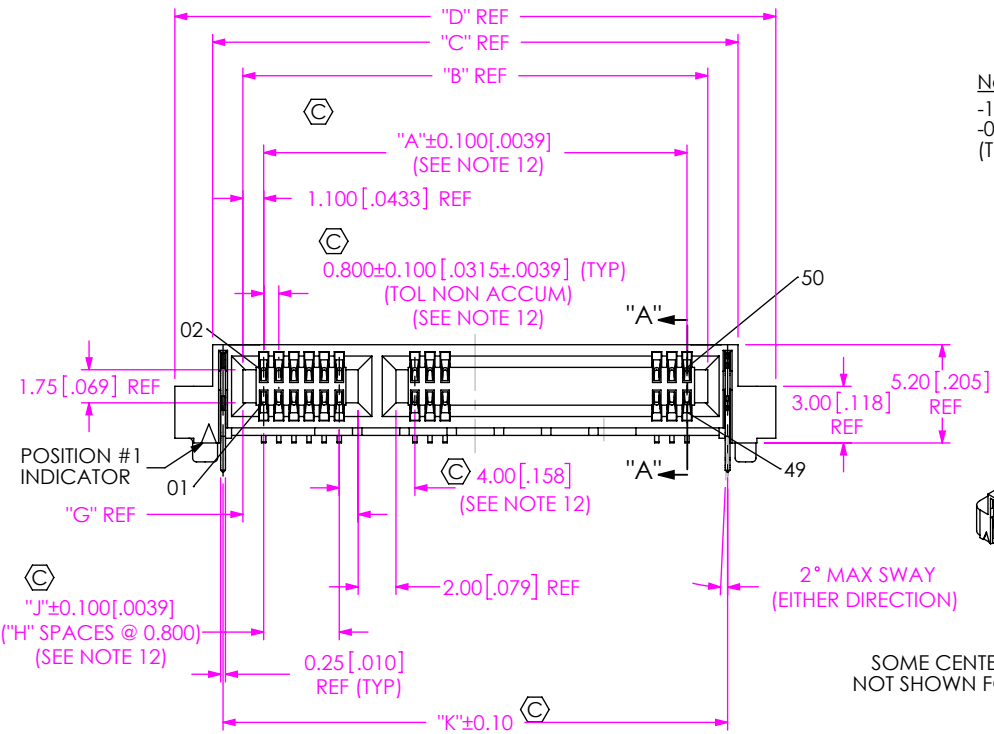


DO NOT SCALE FROM THIS PRINT



HSEC8-1XX-XX-X-RA-XX-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)

PACKAGING (SEE NOTES 17 & 18)
 BLANK: (TRAY SEE NOTE 16)
 -TR: TAPE & REEL
 -FR: FULL REEL QTY TAPE & REEL

OPTION
 -BL: BOARD LOCK OPTION (USE HSEC8-XXX-01-RA-BL) (AVAILABLE IN -09, -13, -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)

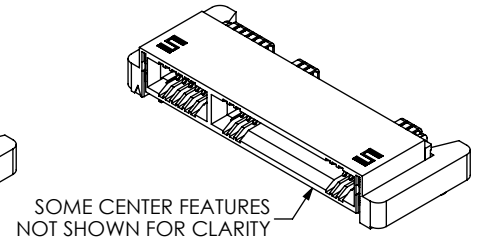
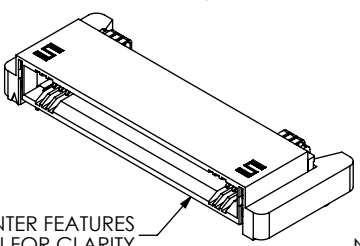


FIG 1
 HSEC8-125-01-X-RA SHOWN (SOME CENTER FEATURES NOT SHOWN FOR CLARITY)

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 | 11.50 |
| -20 | 15.200 | 17.400 | 20.600 | 24.60 | 15.200 | 21.40 | NA | NA | NA | 19.50 |
| -30 | 23.200 | 25.400 | 28.600 | 32.60 | 23.200 | 29.40 | NA | NA | NA | 27.50 |
| -09 | 9.600 | 11.800 | 15.000 | 19.00 | 9.600 | 15.80 | 4.500 | 3 | 2.400 | 13.90 |
| -13 | 12.800 | 15.000 | 18.200 | 22.20 | 12.800 | 19.00 | 6.100 | 5 | 4.000 | 17.10 |
| -25 | 22.400 | 24.600 | 27.800 | 31.80 | 22.400 | 28.60 | 6.100 | 5 | 4.000 | 26.70 |
| -40 | 34.400 | 36.600 | 39.800 | 43.80 | 34.400 | 40.60 | 18.900 | 21 | 16.800 | 38.70 |
| -49 | 41.600 | 43.800 | 47.000 | 51.00 | 41.600 | 47.80 | 22.900 | 26 | 20.800 | 45.90 |
| -50 | 42.400 | 44.600 | 47.800 | 51.80 | 42.400 | 48.60 | 22.900 | 26 | 20.800 | 46.70 |
| -60 | 50.400 | 52.600 | 55.800 | 59.80 | 50.400 | 56.60 | 26.900 | 31 | 24.800 | 54.70 |

- 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. NOTE DELETED.
 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 (NOT NEEDED FOR OMM).
 15. SEE SUB-C-272-XX-X FOR PROCESS DESCRIPTION AND REQUIREMENTS.
 16. TRAY ARE STANDARD PACKAGING.
 17. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM
 18. ATTACH LABEL TO EACH REEL

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

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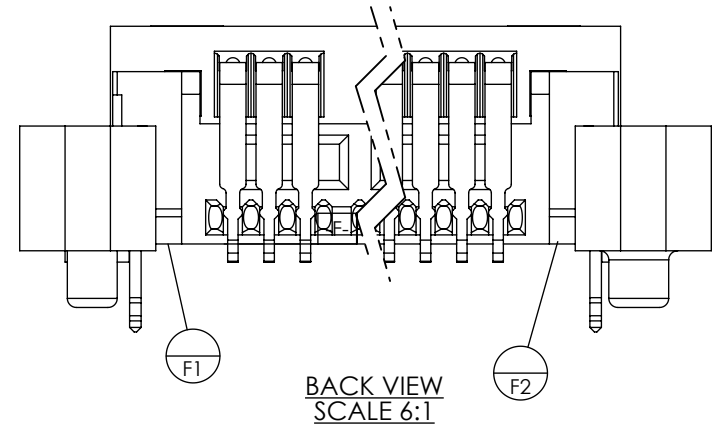
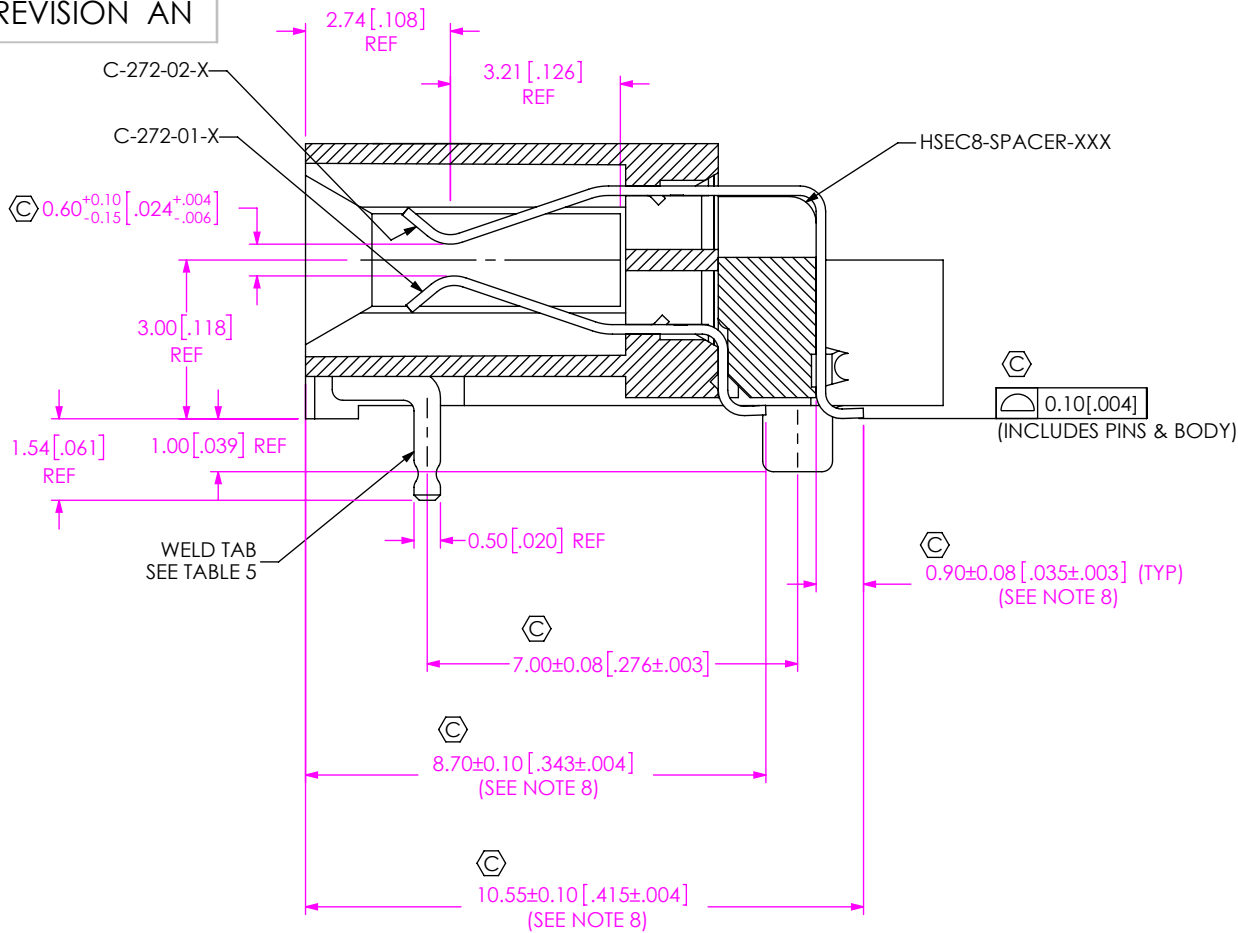
MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2.5:1
 INSULATOR: LCP UL94V-0, COLOR: BLACK
 CONTACT: BeCu
 WELD TAB: BRASS

samtec
 520 PARK EAST BLVD, NEW ALBANY, IN 47150
 PHONE: 812-944-6733 FAX: 812-948-5047
 e-Mail: info@SAMTEC.com code 53322

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



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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e-Mail info@SAMTEC.com code 55322

DESCRIPTION:
0.8MM HIGH SPEED ASSEMBLY

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

BY: ROY LUO 11/05/2008 SHEET 2 OF 4

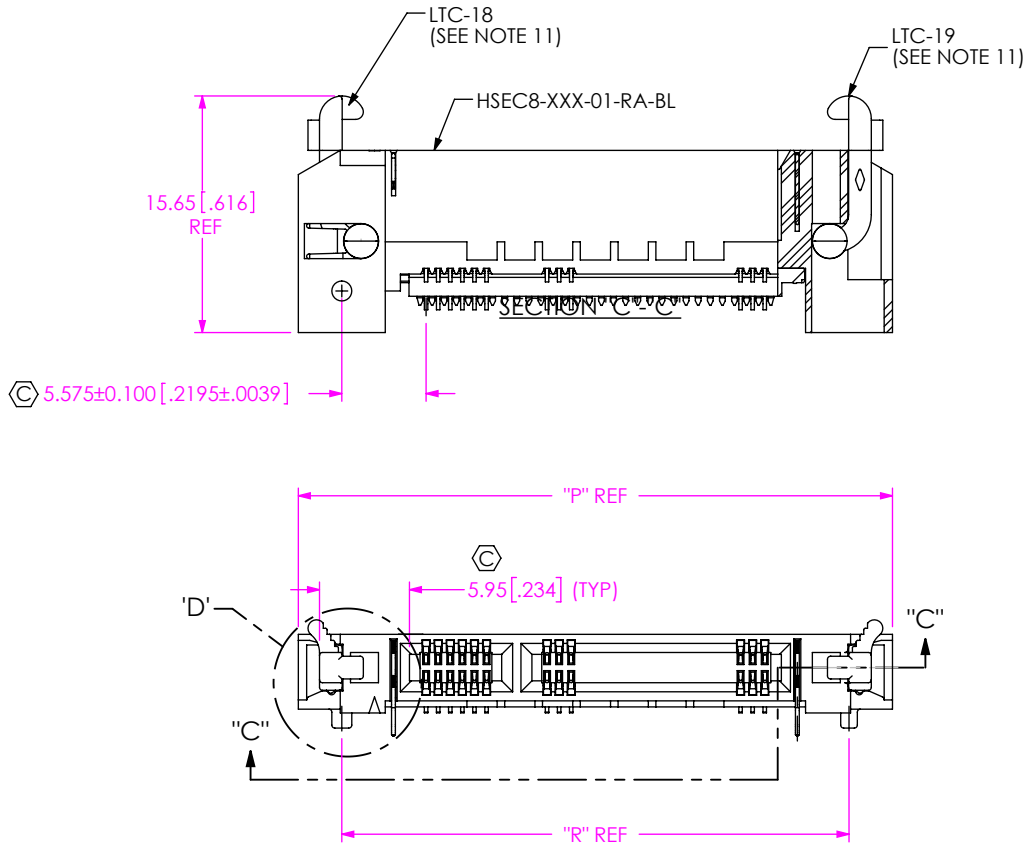
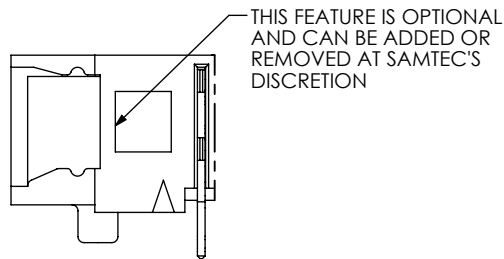


FIG 2
 -BL: BOARD LOCK OPTION ONLY AVAILABLE FOR -09, -13, -25, -40, -49, -50, -60 POSITIONS (SAME AS FIG 1, UNLESS OTHERWISE STATED)
 HSEC8-125-01-X-RA-BL SHOWN
 (SOME CENTER FEATURES NOT SHOWN FOR CLARITY)



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

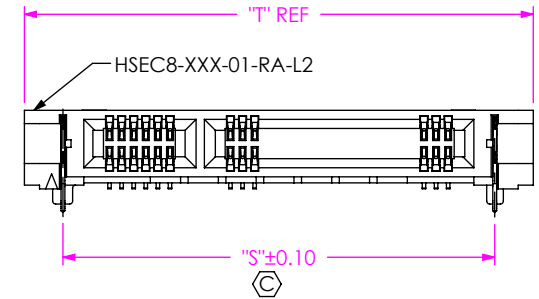
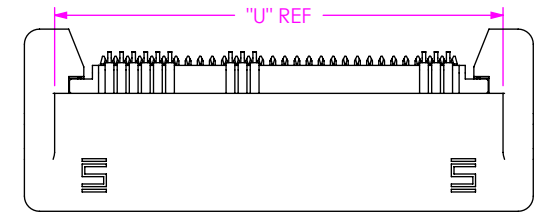


FIG 3
 -L2: ECDP LATCHING OPTION
 AVAILABLE ONLY IN -09, -13, -25 & -49 POSITIONS
 SAME AS FIG 1, UNLESS OTHERWISE STATED
 HSEC8-125-01-X-RA-L2 SHOWN

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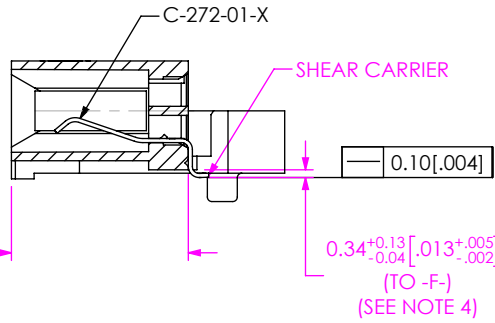
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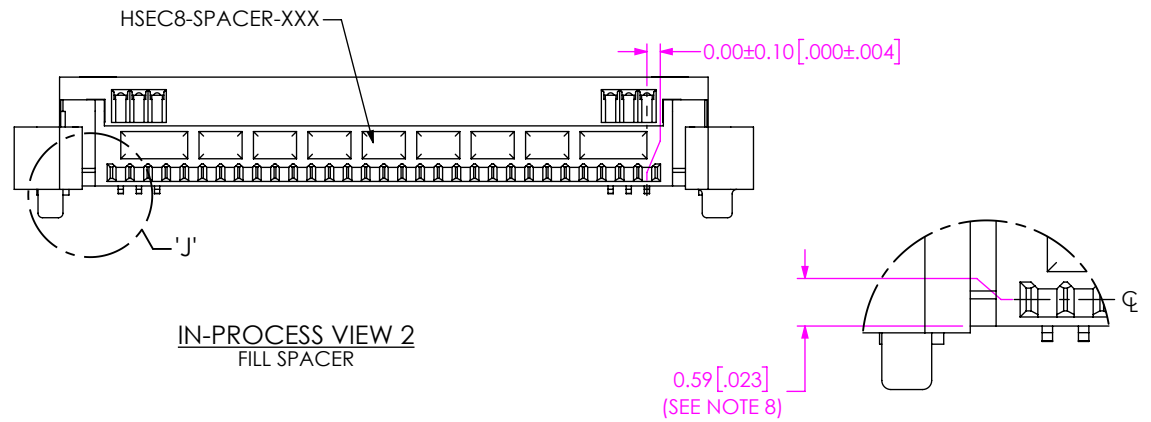
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DWG. NO.
HSEC8-1XX-XX-X-RA-XX-XX

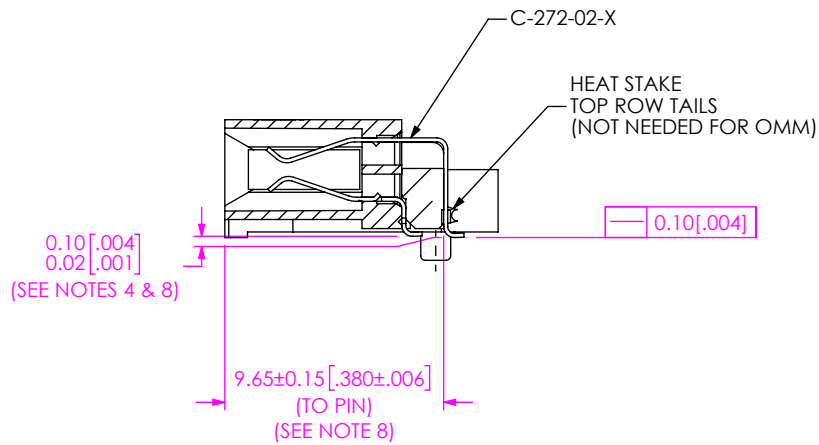
BY: ROY LUO 11/05/2008 SHEET 3 OF 4



IN-PROCESS VIEW 1
FILL FIRST ROW



IN-PROCESS VIEW 2
FILL SPACER



IN-PROCESS VIEW 3
FILL SECOND ROW

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