

DESIGNED & DIMENSIONED
IN MILLIMETERS [INCHES]

MEC5-XXX-XX-X-RA-XX-TR

DO NOT
SCALE FROM
THIS PRINT

No OF POSITIONS (PER ROW)

-030, -040, -050,
-060, -070, -080

TAPE & REEL

OPTION
(REQUIRED)

-W1: WELD TAB THROUGH HOLE
(SEE FIG 2, SHT 3)
-W2: WELD TAB SURFACE MOUNT
(SEE FIG 1)

CARD THICKNESS

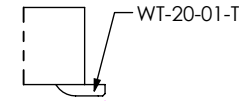
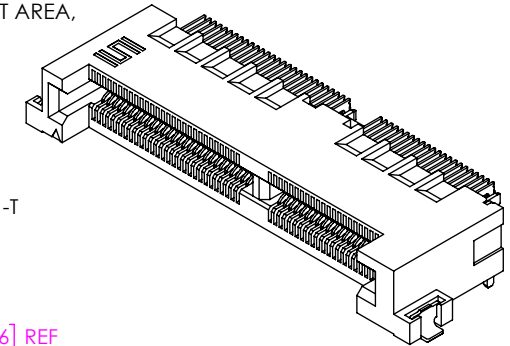
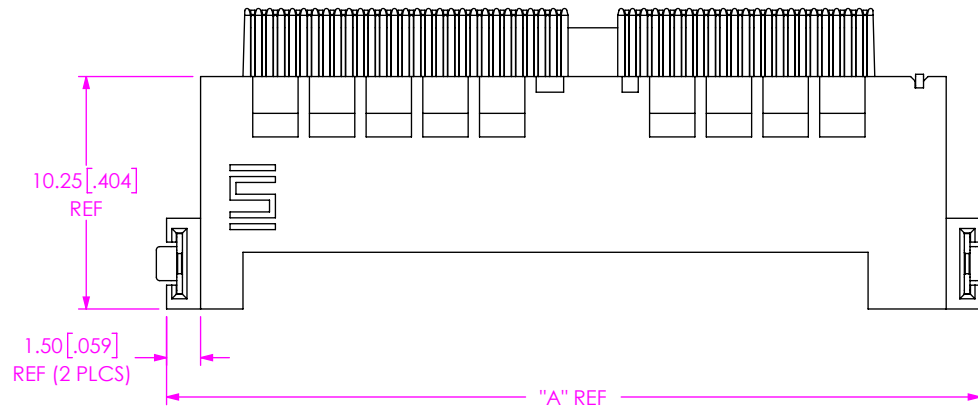
-01: FOR .062" THICK BOARD

PLATING SPECIFICATION

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

ROW SPECIFICATION

-RA: RIGHT ANGLE



DETAIL 'A'
SCALE 6:1

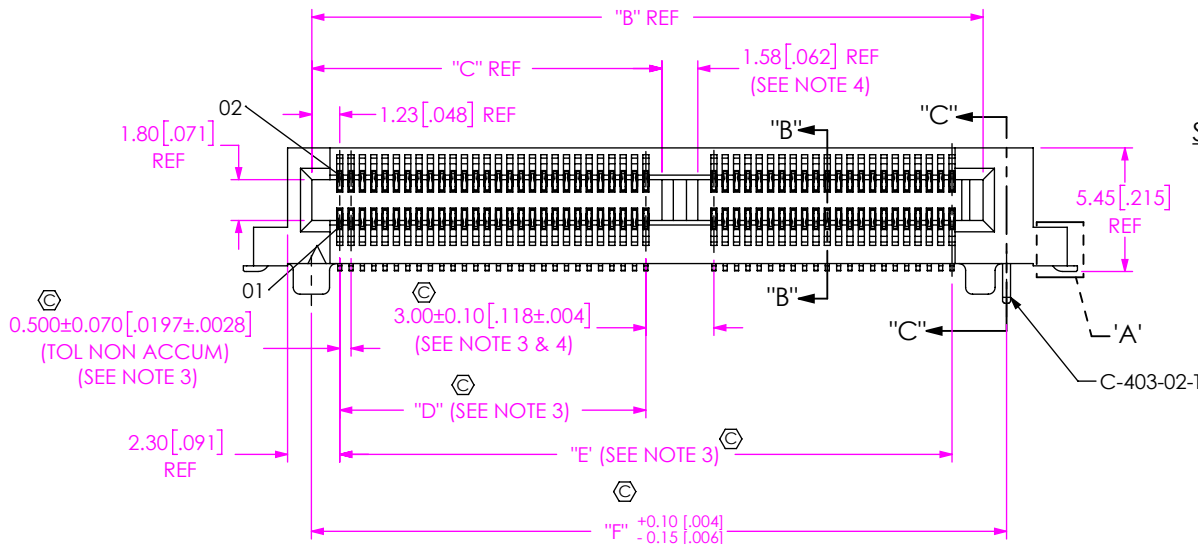


TABLE 1

| NO OF POS | "A" | "B" | "C" |
|-----------|---------------|---------------|---------------|
| -030 | 23.38 [0.920] | 17.10 [0.673] | N/A |
| -040 | 28.38 [1.117] | 22.10 [0.870] | N/A |
| -050 | 35.88 [1.413] | 29.60 [1.165] | 15.44 [0.608] |
| -060 | 40.88 [1.609] | 34.60 [1.362] | 17.94 [0.706] |
| -070 | 45.88 [1.806] | 39.60 [1.559] | 20.44 [0.805] |
| -080 | 50.88 [2.003] | 44.60 [1.756] | 22.94 [0.903] |

| NO OF POS | "D" | "E" | "F" |
|-----------|---------------|---------------|---------------|
| -030 | N/A | 14.50 [0.571] | 18.16 [0.715] |
| -040 | N/A | 19.50 [0.768] | 23.16 [0.912] |
| -050 | 13.50 [0.531] | 27.00 [1.063] | 30.66 [1.207] |
| -060 | 16.00 [0.630] | 32.00 [1.260] | 35.66 [1.404] |
| -070 | 18.50 [0.728] | 37.00 [1.457] | 40.66 [1.601] |
| -080 | 21.00 [0.827] | 42.00 [1.654] | 45.66 [1.798] |

FIG 1
MEC5-050-01-X-D-RA-W2-TR SHOWN

NOTES:

- ⊗ REPRESENTS A CRITICAL DIMENSION.
- MINIMUM PUSHOUT FORCE: 0.5 LBS FOR C-401, WT-20, WT-51; 1.0 LBS FOR C-403.
- MEASURE BOTH TOP AND BOTTOM ROWS.
- POLARIZATION RIB IS NOT PRESENT ON -030 & -040 POSITIONS.
- FOR QUANTITIES UP TO 49 PCS., NO LEADER, TRAILER OR REEL WILL BE SUPPLIED.
FOR QUANTITIES OF 50-124 PCS., NO LEADER OR TRAILER WILL BE SUPPLIED,
SPLICES MAY BE PRESENT.

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN MILLIMETERS.
TOLERANCES ARE:
DECIMALS ANGLES
X.X: ±0.3 [.01] 2°
X.XX: ±0.10 [.004]
X.XXX: ±0.051 [.0020]

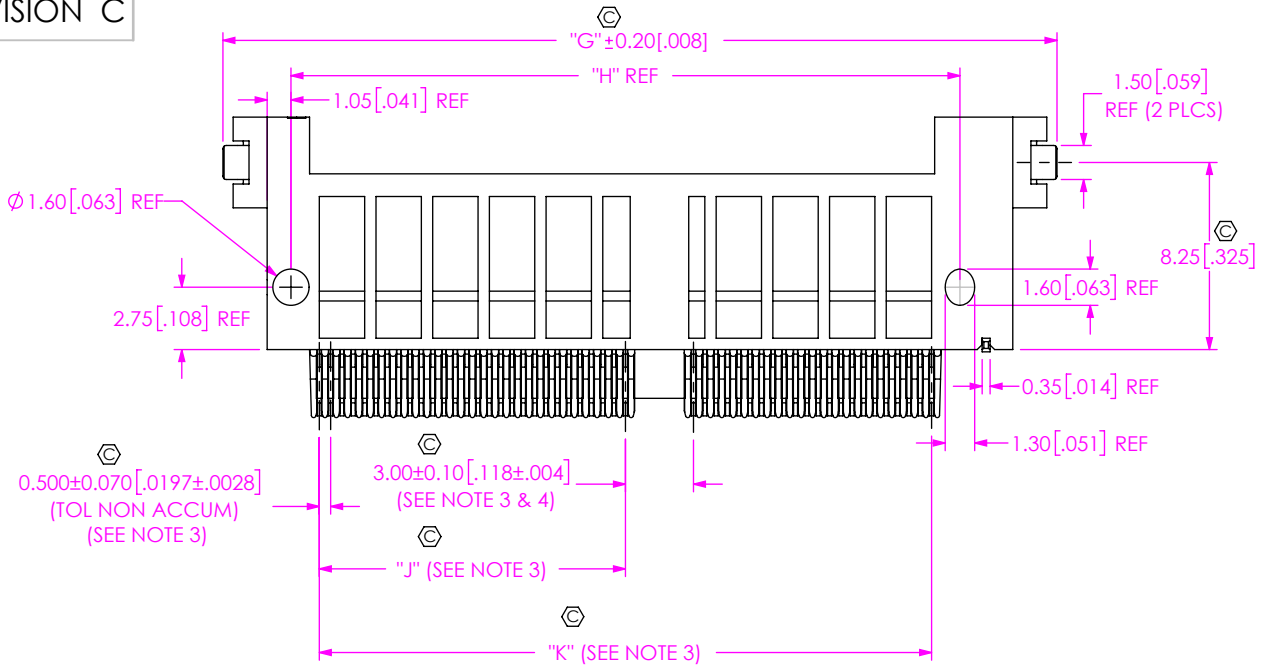
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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 3:1
INSULATOR: LCP, UL 94 V0, COLOR: BLACK
CONTACT: Cu ALLOY
WELD TAB: BRASS ALLOY



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

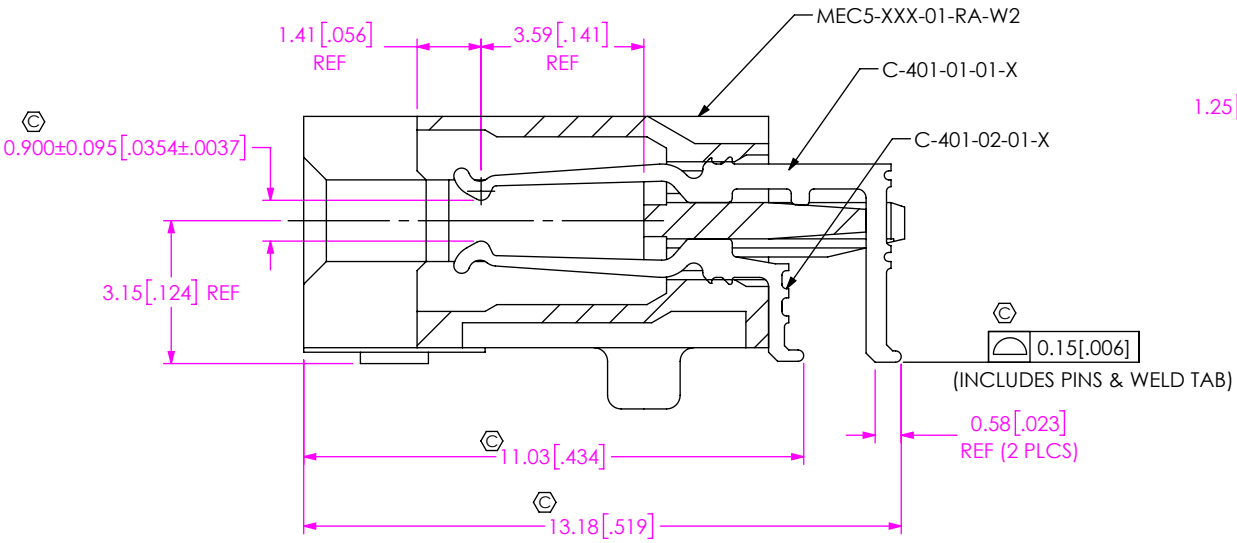
DESCRIPTION:
0.5mm HIGH SPEED EDGE CARD ASSEMBLY
DWG. NO.
MEC5-XXX-XX-X-RA-XX-TR
BY: JESSIE W 6/3/2015 SHEET 1 OF 4



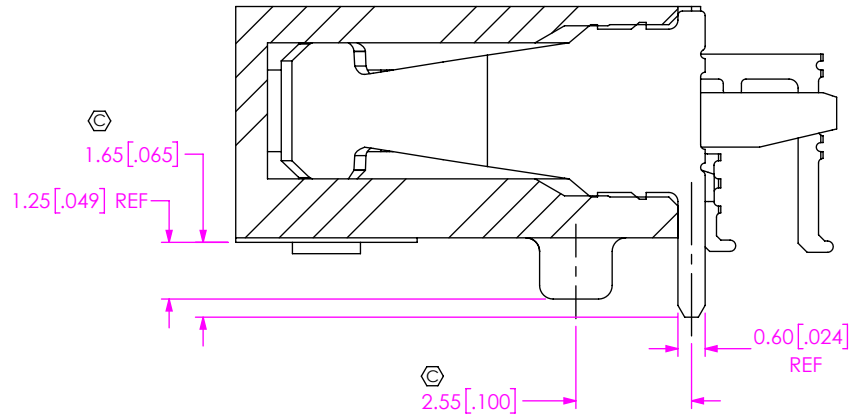
BOTTOM VIEW

| TABLE 2 | | |
|-----------|---------------|---------------|
| NO OF POS | "G" | "H" |
| -030 | 24.28 [0.956] | 17.00 [0.669] |
| -040 | 29.28 [1.153] | 22.00 [0.866] |
| -050 | 36.78 [1.448] | 29.50 [1.161] |
| -060 | 41.78 [1.645] | 34.50 [1.358] |
| -070 | 46.78 [1.842] | 39.50 [1.555] |
| -080 | 51.78 [2.039] | 44.50 [1.752] |

| NO OF POS | "J" | "K" |
|-----------|---------------|---------------|
| -030 | N/A | 14.50 [0.571] |
| -040 | N/A | 19.50 [0.768] |
| -050 | 13.50 [0.531] | 27.00 [1.063] |
| -060 | 16.00 [0.630] | 32.00 [1.260] |
| -070 | 18.50 [0.728] | 37.00 [1.457] |
| -080 | 21.00 [0.827] | 42.00 [1.654] |



SECTION "B"- "B"
SCALE 6 : 1



SECTION "C"- "C"
SCALE 6 : 1

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 SHEET SCALE: 3:1



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DESCRIPTION:
 0.5mm HIGH SPEED EDGE CARD ASSEMBLY

DWG. NO.
MEC5-XXX-XX-X-RA-XX-TR

BY: JESSIE W 6/3/2015 SHEET 2 OF 4

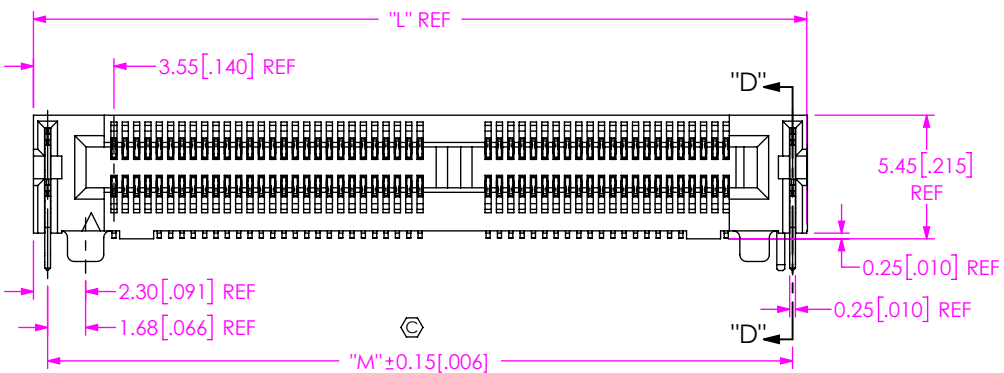
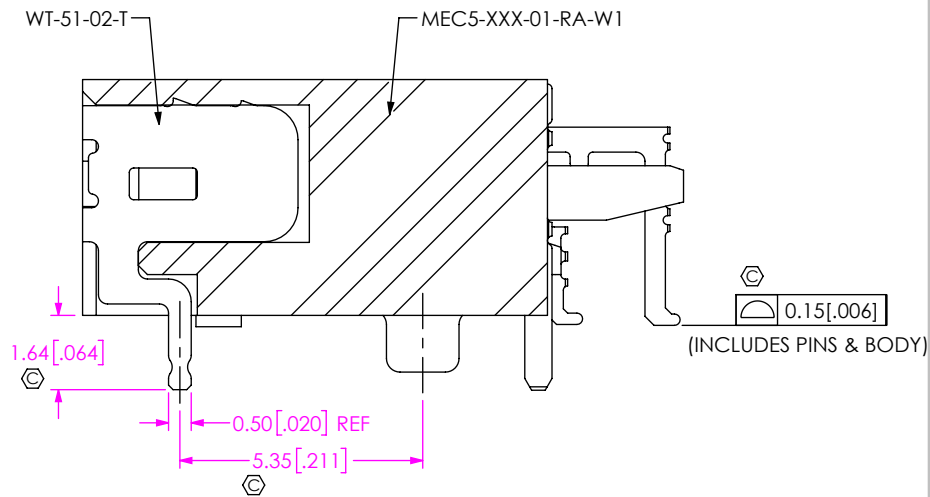
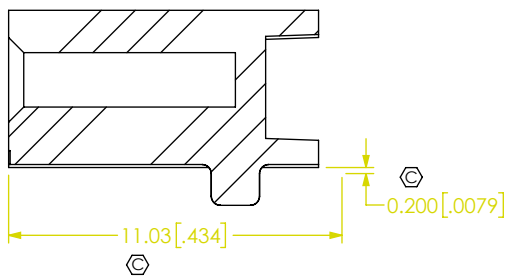


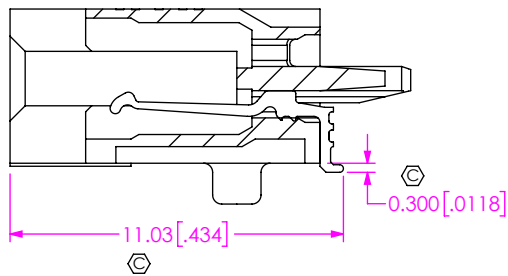
FIG 2
MEC5-050-01-X-D-RA-W1-TR SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



SECTION "D"-"D"
SCALE 6:1



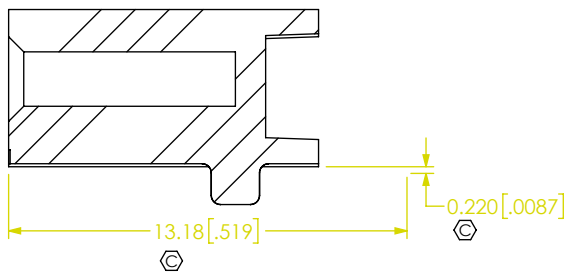
IN-PROCESS 1 FOR W1
FILL C-401-02-01-X



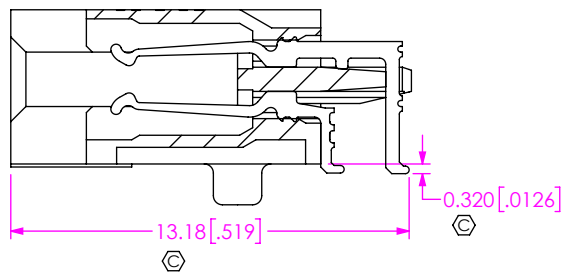
IN-PROCESS 1 FOR W2
FILL C-401-02-01-X

TABLE 3

| NO OF POS | "L" | "M" |
|-----------|---------------|---------------|
| -030 | 22.88 [0.901] | 21.63 [0.852] |
| -040 | 27.88 [1.098] | 26.63 [1.048] |
| -050 | 35.38 [1.393] | 34.13 [1.344] |
| -060 | 40.38 [1.590] | 39.13 [1.541] |
| -070 | 45.38 [1.787] | 44.13 [1.737] |
| -080 | 50.38 [1.983] | 49.13 [1.934] |



IN-PROCESS 2 FOR W1
FILL C-401-01-01-X



IN-PROCESS 2 FOR W2
FILL C-401-01-01-X

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SHEET SCALE: 3:1

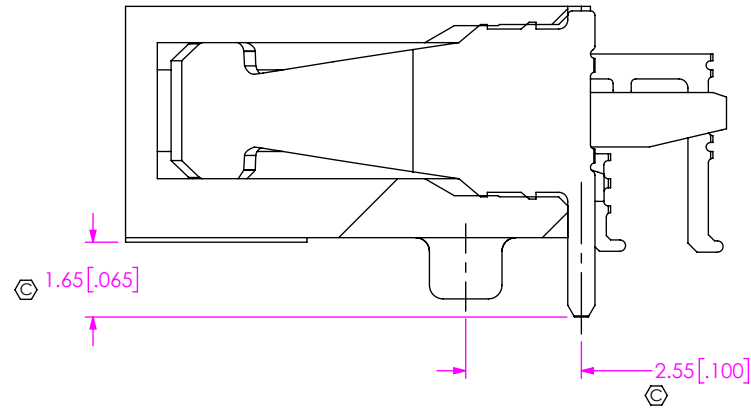


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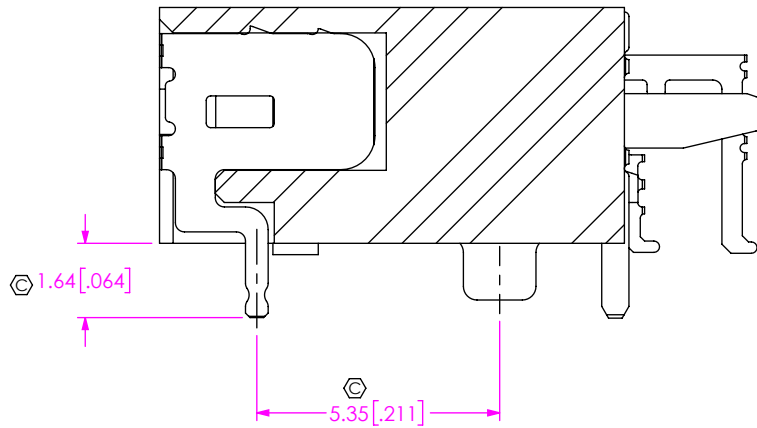
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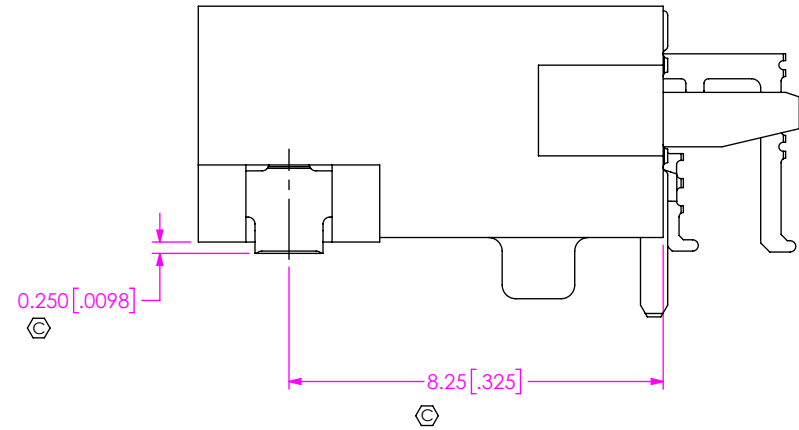
BY: JESSIE W 6/3/2015 SHEET 3 OF 4



IN-PROCESS 3
FILL C-403-02-T



IN-PROCESS 4 FOR W1
FILL WT-51-02-T



IN-PROCESS 4 FOR W2
FILL WT-20-01-T

| | |
|---|--|
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| <p>SHEET SCALE: 3:1</p> | <p>DESCRIPTION: 0.5mm HIGH SPEED EDGE CARD ASSEMBLY</p> |
| | <p>DWG. NO. MEC5-XXX-XX-X-RA-XX-TR</p> <p>BY: JESSIE W 6/3/2015 SHEET 4 OF 4</p> |

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- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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