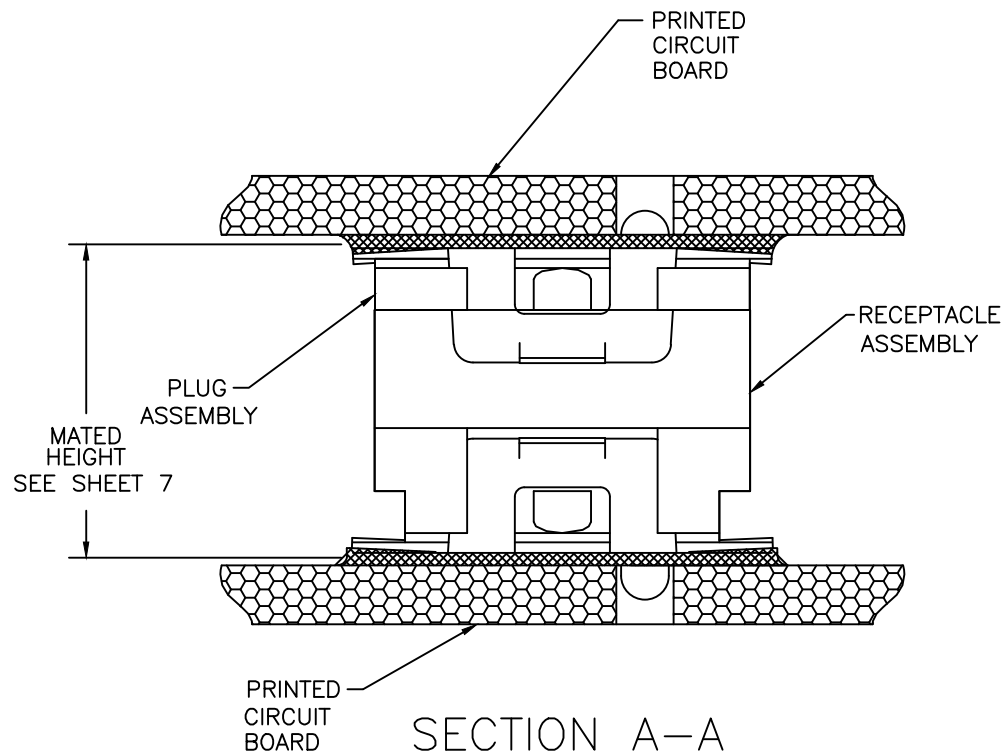
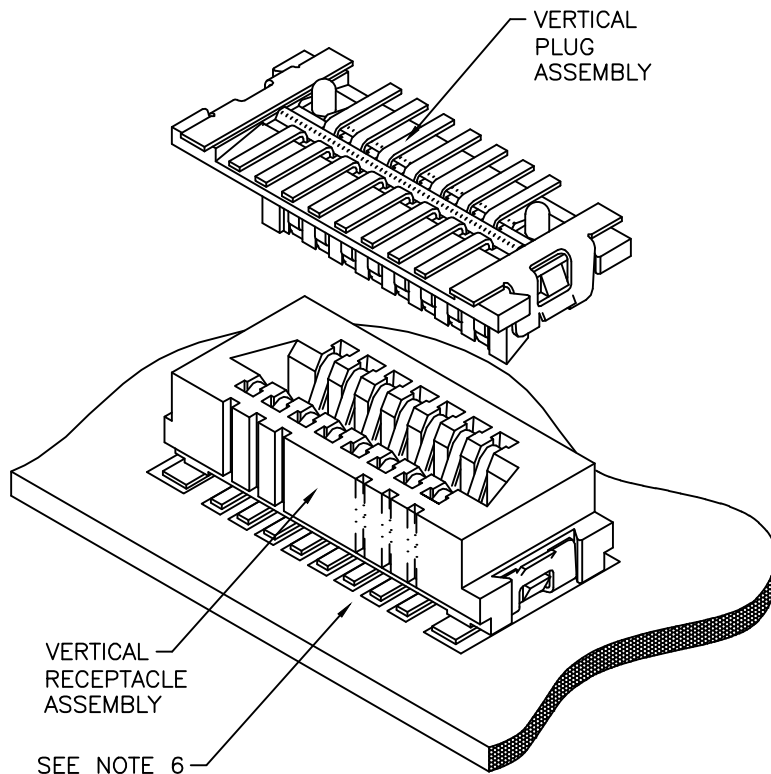


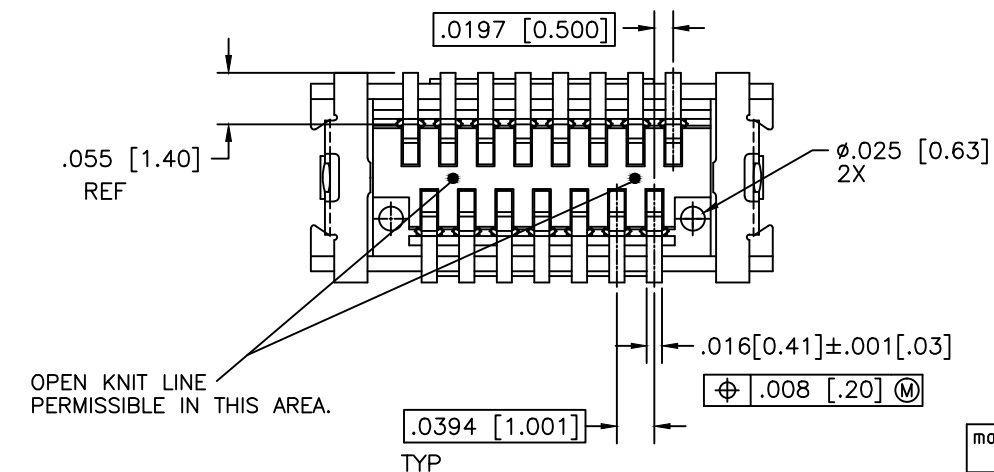
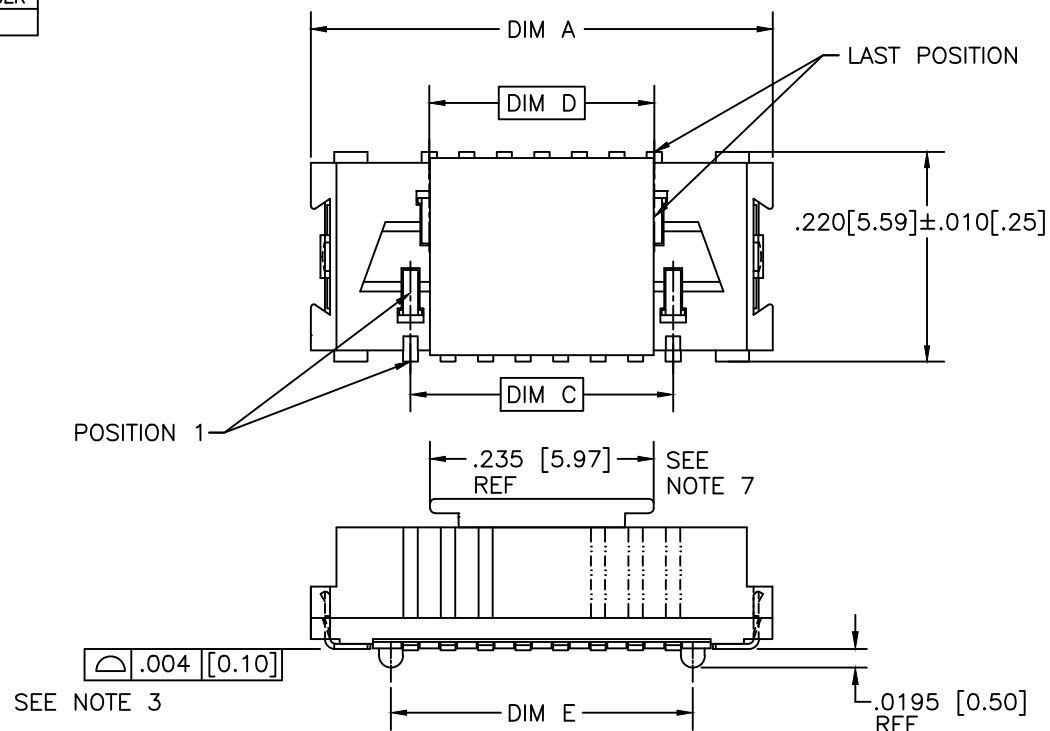
PRODUCT NUMBER  
SEE TABLE



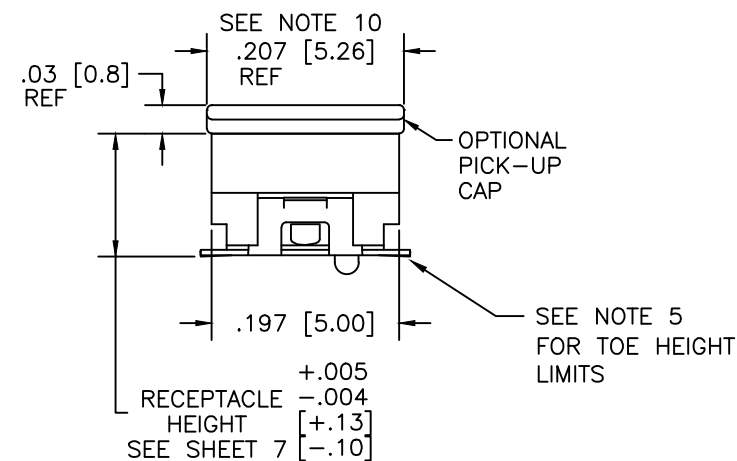
SECTION A-A  
ROTATED 90°  
N.T.S.

|             |             |     |            |                                       |                                  |            |                           |   |   |   |
|-------------|-------------|-----|------------|---------------------------------------|----------------------------------|------------|---------------------------|---|---|---|
| mat'l. code |             |     |            | surface<br>ISO 1302                   | tolerance<br>ISO 406<br>ISO 1101 | projection | product family<br>CONAN®  |   |   |   |
| ltr         | ecn no      | dr  | date       | tolerances unless otherwise specified |                                  |            | title                     |   |   |   |
| A           | N11-0214    | J.Z | 2011-07-20 | angles                                | linear                           | INCH/MM    | CONAN® CONNECTOR ASSEMBLY |   |   |   |
| B           | ELX-N-05460 | J.Z | 2011-08-23 |                                       |                                  |            |                           |   |   |   |
| C           | ELX-N-14210 | GM  | 2013-03-07 | 0°±2°                                 |                                  | scale 5:1  | dwg no                    |   |   |   |
| -           | -           | -   | -          | dr                                    | J.ZHOU                           | 2011-07-20 | sheet 1 of 7              |   |   |   |
| -           | -           | -   | -          | enr                                   | J.ZHOU                           | 2011-07-20 | 10118744                  |   |   |   |
| -           | -           | -   | -          | chr                                   | J.ZHOU                           | 2011-07-20 | A3                        |   |   |   |
| -           | -           | -   | -          | appd                                  | R.BIAN                           | 2011-07-20 |                           |   |   |   |
| sheet       | revision    | C   | C          | C                                     | C                                | C          | C                         | C | C | C |
| index       | sheet       | 1   | 2          | 3                                     | 4                                | 5          | 6                         | 7 |   |   |

PRODUCT NUMBER  
SEE TABLE

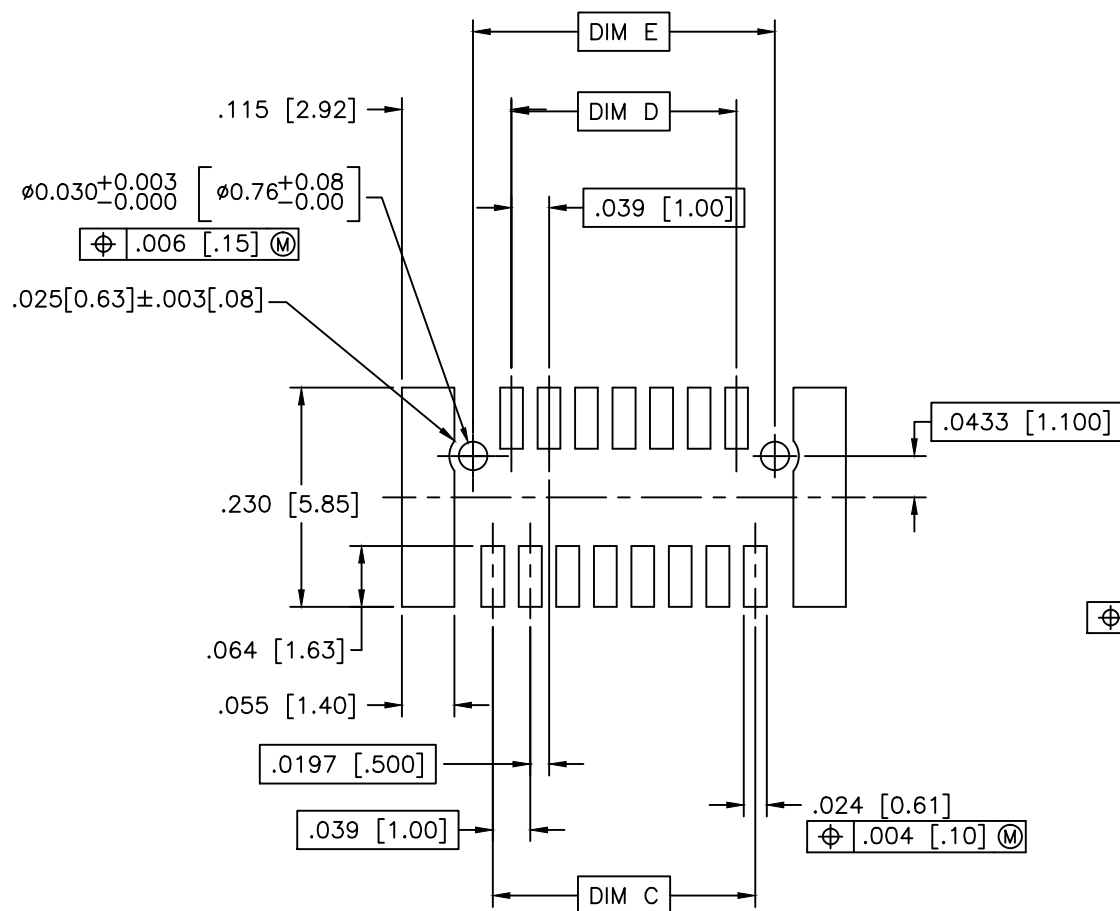


## RECEPTACLE

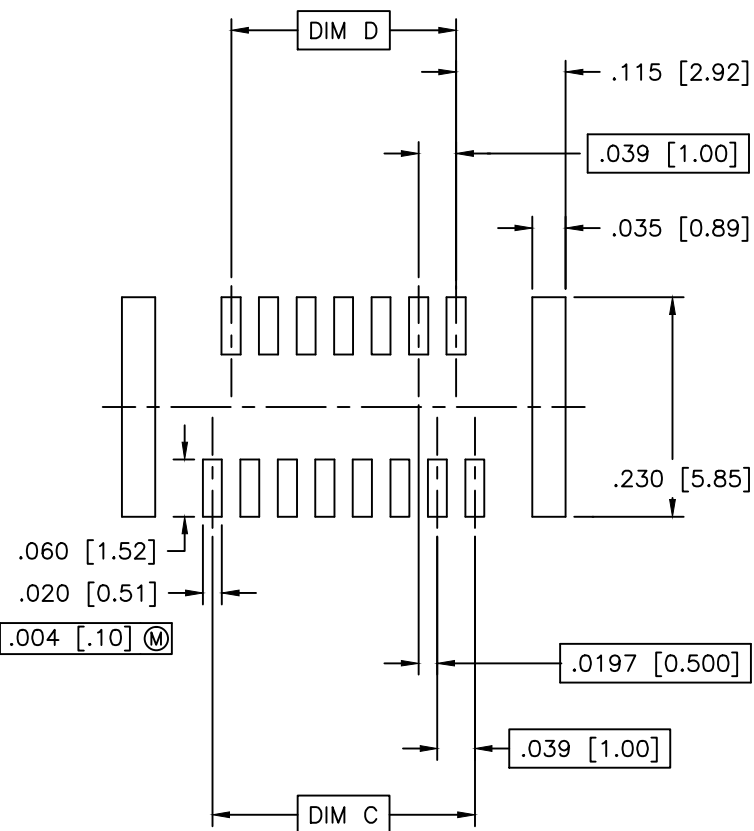


|             |                |      |        |                                       |                                  |                       |                                    |  |  |  |
|-------------|----------------|------|--------|---------------------------------------|----------------------------------|-----------------------|------------------------------------|--|--|--|
| mat'l. code |                |      |        | surface<br>ISO 1302                   | tolerance<br>ISO 406<br>ISO 1101 | projection<br>INCH/MM | product family<br>CONAN®           |  |  |  |
| ltr         | ecn no         | dr   | date   | tolerances unless otherwise specified |                                  | scale 5:1             | title<br>CONAN® CONNECTOR ASSEMBLY |  |  |  |
| c           |                |      |        | angles                                | linear                           |                       | dwg no<br>10118744                 |  |  |  |
|             |                |      |        | 0°±2'                                 |                                  |                       | sheet 2 of 7 size<br>A3            |  |  |  |
|             |                | dr   | J.ZHOU | 2011-07-20                            |                                  | FCI                   | type Product Customer Drawing      |  |  |  |
|             |                | enr  | J.ZHOU | 2011-07-20                            |                                  |                       |                                    |  |  |  |
|             |                | chr  | J.ZHOU | 2011-07-20                            |                                  |                       |                                    |  |  |  |
|             |                | appd | R.BIAN | 2011-07-20                            |                                  |                       |                                    |  |  |  |
| sheet index | revision sheet |      |        |                                       |                                  |                       |                                    |  |  |  |

PRODUCT NUMBER  
SEE TABLE



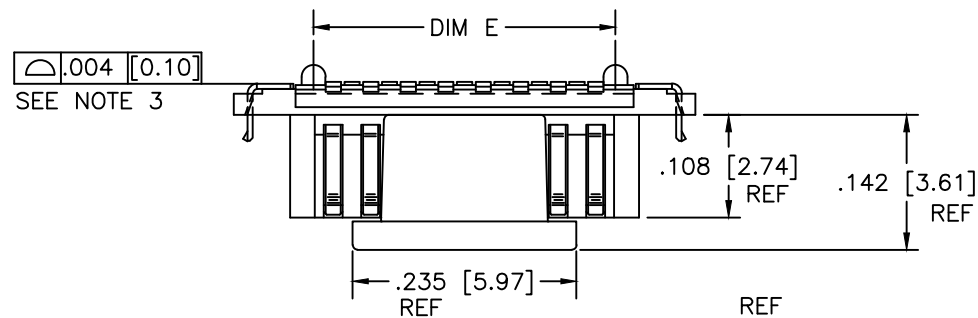
RECOMMENDED  
PAD LAYOUT  
FOR RECEPTACLE



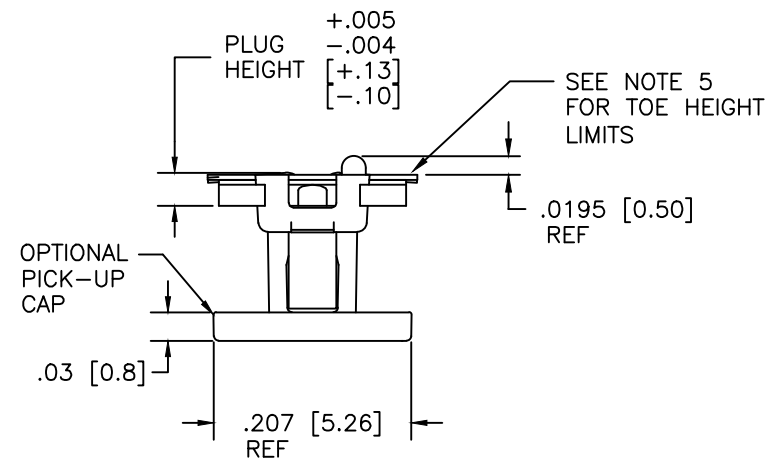
RECOMMENDED  
STENCIL LAYOUT  
FOR RECEPTACLE

|             |                |    |      |                                       |                                  |                |                                                |  |  |  |
|-------------|----------------|----|------|---------------------------------------|----------------------------------|----------------|------------------------------------------------|--|--|--|
| mat'l. code |                |    |      | surface<br>ISO 1302                   | tolerance<br>ISO 406<br>ISO 1101 | projection<br> | product family<br>CONAN <sup>®</sup>           |  |  |  |
| ltr         | ecn no         | dr | date | tolerances unless otherwise specified |                                  | INCH/MM        | title<br>CONAN <sup>®</sup> CONNECTOR ASSEMBLY |  |  |  |
| c           |                |    |      | angles                                | linear                           |                |                                                |  |  |  |
|             |                |    |      | 0° $\pm$ 2°                           |                                  | scale 5:1      | dwg no<br>10118744                             |  |  |  |
|             |                |    |      | dr                                    | J.ZHOU                           | 2011-07-20     |                                                |  |  |  |
|             |                |    |      | enr                                   | J.ZHOU                           | 2011-07-20     | sheet 3 of 7 size<br>A3                        |  |  |  |
|             |                |    |      | chr                                   | J.ZHOU                           | 2011-07-20     |                                                |  |  |  |
|             |                |    |      | appd                                  | R.BIAN                           | 2011-07-20     | type Product Customer Drawing                  |  |  |  |
| sheet index | revision sheet |    |      |                                       |                                  |                |                                                |  |  |  |

PRODUCT NUMBER  
SEE TABLE



PLUG

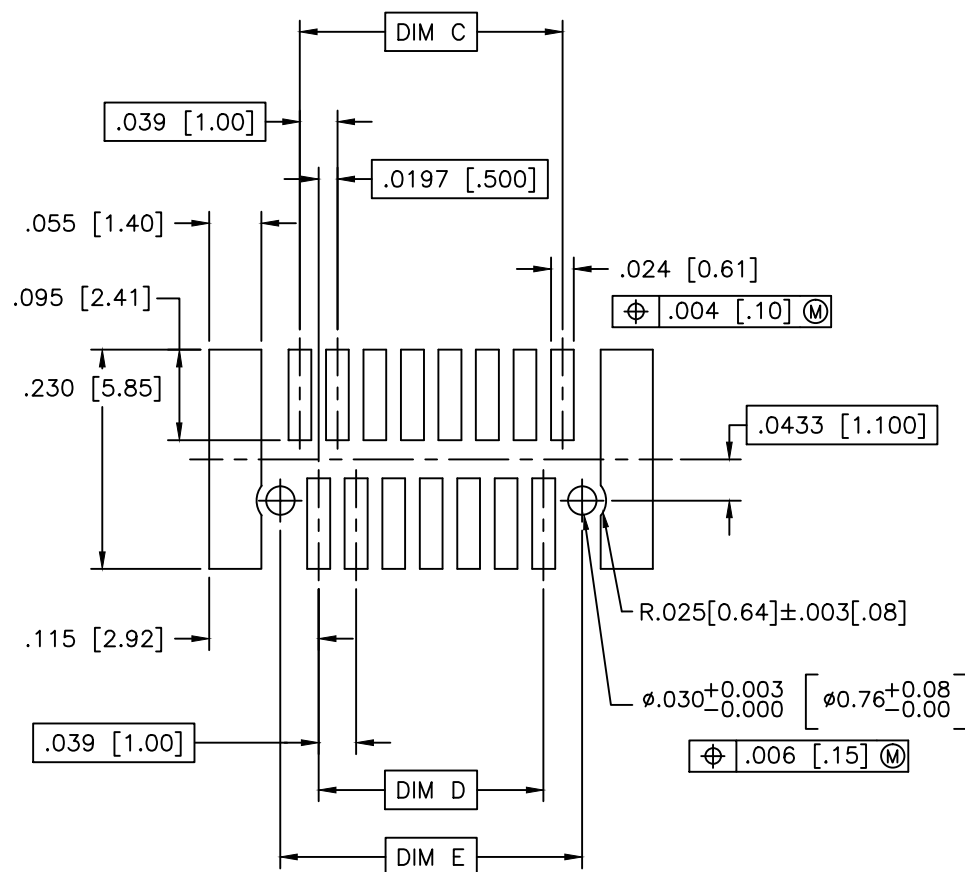


|             |                |      |        |                                       |                                  |                       |                                    |
|-------------|----------------|------|--------|---------------------------------------|----------------------------------|-----------------------|------------------------------------|
| mat'l. code |                |      |        | surface<br>ISO 1302                   | tolerance<br>ISO 406<br>ISO 1101 | projection<br>INCH/MM | product family<br>CONAN®           |
| ltr         | ecn no         | dr   | date   | tolerances unless otherwise specified |                                  | scale 5:1             | title<br>CONAN® CONNECTOR ASSEMBLY |
| c           |                |      |        | angles                                | linear                           |                       |                                    |
|             |                |      |        | 0° ± 2°                               |                                  |                       |                                    |
|             |                | dr   | J.ZHOU | 2011-07-20                            |                                  |                       | dwg no                             |
|             |                | enr  | J.ZHOU | 2011-07-20                            |                                  |                       | sheet 4 of 7 size                  |
|             |                | chr  | J.ZHOU | 2011-07-20                            |                                  |                       | 10118744 A3                        |
|             |                | appd | R.BIAN | 2011-07-20                            |                                  |                       | type Product Customer Drawing      |
| sheet index | revision sheet |      |        |                                       |                                  |                       |                                    |

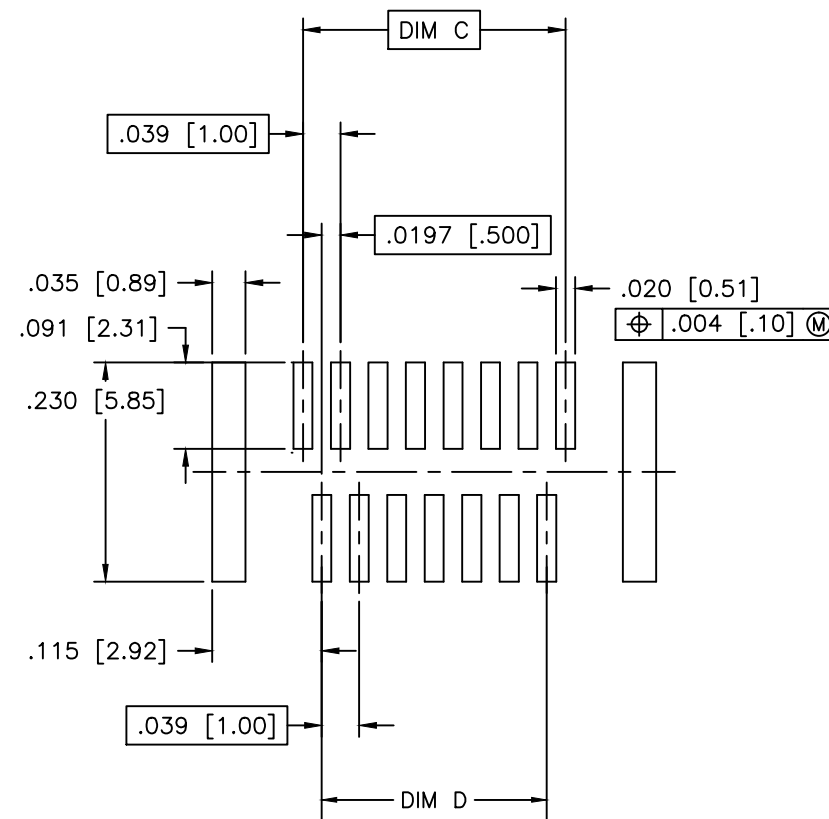


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## RECOMMENDED PAD LAYOUT FOR PLUG



RECOMMENDED  
STENCIL LAYOUT  
FOR PLUG

[illegible]

| PRODUCT<br>NUMBER  | POS | DIM "A"       | DIM "C"       | DIM "D"       | DIM "E"         |
|--------------------|-----|---------------|---------------|---------------|-----------------|
| 10118744-TCWXY09LF | 9   | .366 [9.30]   | .157 [4.00]   | .118 [3.00]   | .1990 [5.055]   |
| -TCWXY11LF         | 11  | .406 [10.30]  | .197 [5.00]   | .157 [4.00]   | .2380 [6.045]   |
| -TCWXY15LF         | 15  | .484 [12.30]  | .276 [7.00]   | .236 [6.00]   | .3170 [8.052]   |
| -TCWXY21LF         | 21  | .602 [15.30]  | .394 [10.00]  | .354 [9.00]   | .4350 [11.049]  |
| -TCWXY25LF         | 25  | .681 [17.30]  | .472 [12.00]  | .433 [11.00]  | .5140 [13.056]  |
| -TCWXY31LF         | 31  | .800 [20.30]  | .591 [15.00]  | .551 [14.00]  | .6320 [16.053]  |
| -TCWXY41LF         | 41  | .996 [25.30]  | .787 [20.00]  | .748 [19.00]  | .8290 [21.057]  |
| -TCWXY51LF         | 51  | 1.193 [30.30] | .984 [25.00]  | .945 [24.00]  | 1.0260 [26.060] |
| -TCWXY69LF         | 69  | 1.547 [39.30] | 1.339 [34.00] | 1.299 [33.00] | 1.3800 [35.052] |

# NOTES:

## 1. MATERIALS:

RECEPTACLE HOUSING - LCP, UL-94V-0. COLOR: NATURAL.

RECEPTACLE TERMINALS - COPPER ALLOY,  
PLATED WITH GOLD OR GXT IN CONTACT AREA  
AND 100u"/2.54u Sn ON SOLDER LEGS WITH  
AN OVERALL 50u"/1.27u Ni UNDERPLATE.

PLUG HOUSING - LCP, UL-94V-0. COLOR: NATURAL.

PLUG TERMINALS - COPPER ALLOY,  
PLATED WITH GOLD OR GXT IN CONTACT AREA  
AND 100u"/2.54u Sn ON SOLDER LEGS WITH  
AN OVERALL 50u"/1.27u Ni UNDERPLATE.

RETENTION DEVICE - BRASS,  
PLATED WITH 100u"/2.54u Sn OVER NICKEL.

## 2. REFERENCE GS-12-0977 FOR PRODUCT PERFORMANCE AND ENVIRONMENTAL RESISTANCE DATA.

## 3. SEE TA-774 FOR FURTHER DESCRIPTION OF HOW THIS DIMENSION IS APPLIED.

## 4. RECOMMENDED SOLDER PASTE THICKNESS IS .006 TO .008 INCHES THICK.

## 5. THE TOE HEIGHT OF THE SOLDER TAIL SHALL BE MEASURED FROM THE LOWEST POINT OF THE .004 CO-PLANARITY GRAVITY PLANE. THIS MEASUREMENT IS NOT TO EXCEED A WINDOW OF .000 TO .007 INCHES.

## 6. THREE SLOTS MAY BE LOCATED AT EITHER END OF HOUSING.

## 7. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 30 SECONDS IN A CONVECTION INFRA RED OR VAPOR PHASE REFLOW OVEN. SEE APPLICATION/PROCEDURES IF THEY ARE AVAILABLE

## 8. PRODUCT WITH "LF" AT THE END MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

|             |          |                     |      |                                       |        |                                                                                                     |  |                              |              |
|-------------|----------|---------------------|------|---------------------------------------|--------|-----------------------------------------------------------------------------------------------------|--|------------------------------|--------------|
| mat'l. code |          | surface<br>ISO 1302 |      | tolerance<br>ISO 406<br>ISO 1101      |        | projection<br> |  | product family<br>CONAN®     |              |
| ltr         | ecn no   | dr                  | date | tolerances unless otherwise specified |        | INCH/MM                                                                                             |  | title                        |              |
| c           |          |                     |      | angles                                | linear |                                                                                                     |  | CONAN® CONNECTOR<br>ASSEMBLY |              |
|             |          |                     |      | 0°±2°                                 |        | scale 5:1                                                                                           |  | dwg no                       |              |
|             |          |                     |      | dr                                    | J.ZHOU | 2011-07-20                                                                                          |  |                              | sheet 6 of 7 |
|             |          |                     |      | enr                                   | J.ZHOU | 2011-07-20                                                                                          |  |                              | size         |
|             |          |                     |      | chr                                   | J.ZHOU | 2011-07-20                                                                                          |  |                              | A3           |
|             |          |                     |      | appd                                  | R.BIAN | 2011-07-20                                                                                          |  |                              |              |
| sheet       | revision |                     |      |                                       |        |                                                                                                     |  |                              |              |
| index       | sheet    |                     |      |                                       |        |                                                                                                     |  |                              |              |

PRODUCT NUMBER  
SEE TABLE

# CONAN® ASSEMBLY PART NUMBER

10118744 - T C W 3 Y ZZ LF

LEAD FREE  
SEE NOTE 8

| TYPE                 | T |
|----------------------|---|
| PLUG WITH PEGS       | 1 |
| RECEPTACLE WITH PEGS | 3 |

| Y | PLUG HEIGHT   | RECEPTACLE HEIGHT                 | MATED HEIGHT<br>+.010<br>-.008<br>[+.25]<br>[-.20] |
|---|---------------|-----------------------------------|----------------------------------------------------|
| 1 | .034 [.86]    | .129 [3.28]                       | .163 [4.15]                                        |
| 2 | .048 [1.23]   | SEE Y=1<br>FOR ALL<br>RECEPTACLES | .177 [4.50]                                        |
| 3 | .068 [1.73]   |                                   | .197 [5.00]                                        |
| 4 | .107 [2.72]   |                                   | .236 [6.00]                                        |
| 5 | .1465 [3.721] |                                   | .276 [7.00]                                        |

| ZZ | NUMBER OF POSITIONS |
|----|---------------------|
| 09 | 9                   |
| 11 | 11                  |
| 15 | 15                  |
| 21 | 21                  |
| 25 | 25                  |
| 31 | 31                  |
| 41 | 41                  |
| 51 | 51                  |
| 69 | 69                  |

|                            |   |
|----------------------------|---|
| PICK AND PLACE CAP OR TAPE | C |
| WITH CAP                   | 1 |

|                             |   |
|-----------------------------|---|
| PACKAGING                   | W |
| PRESSURE SEALED TAPE & REEL | 3 |

EXAMPLE: 10118744-3131125LF  
IS A CONAN® RECEPTACLE ASSEMBLY,  
HAVING PEGS AND WITH A PICK AND PLACE CAP.  
IT IS .13 [3.2] HIGH AND 25 POSITIONS AND IS  
PACKAGED IN PRESSURE SEALED TAPE, REEL AND LEAD FREE.

|             |                |    |      |                                       |                                  |                                                                                                     |                                             |  |  |  |
|-------------|----------------|----|------|---------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------|--|--|--|
| mat'l. code |                |    |      | surface<br>ISO 1302 ✓                 | tolerance<br>ISO 406<br>ISO 1101 | projection<br> | product family<br>CONAN®                    |  |  |  |
| ltr         | ecn no         | dr | date | tolerances unless otherwise specified |                                  | INCH/MM<br>scale 5:1                                                                                | title<br>CONAN® CONNECTOR ASSEMBLY          |  |  |  |
| C           |                |    |      | angles                                | linear                           |                                                                                                     |                                             |  |  |  |
|             |                |    |      | 0°±2'                                 |                                  |                                                                                                     |                                             |  |  |  |
|             |                |    |      | dr                                    | J.ZHOU                           | 2011-07-20                                                                                          | FCI<br>dwg no 10118744 sheet 7 of 7 size A3 |  |  |  |
|             |                |    |      | enr                                   | J.ZHOU                           | 2011-07-20                                                                                          |                                             |  |  |  |
|             |                |    |      | chr                                   | J.ZHOU                           | 2011-07-20                                                                                          |                                             |  |  |  |
|             |                |    |      | appd                                  | R.BIAN                           | 2011-07-20                                                                                          | type Product Customer Drawing               |  |  |  |
| sheet index | revision sheet |    |      |                                       |                                  |                                                                                                     |                                             |  |  |  |

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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## JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,  
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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