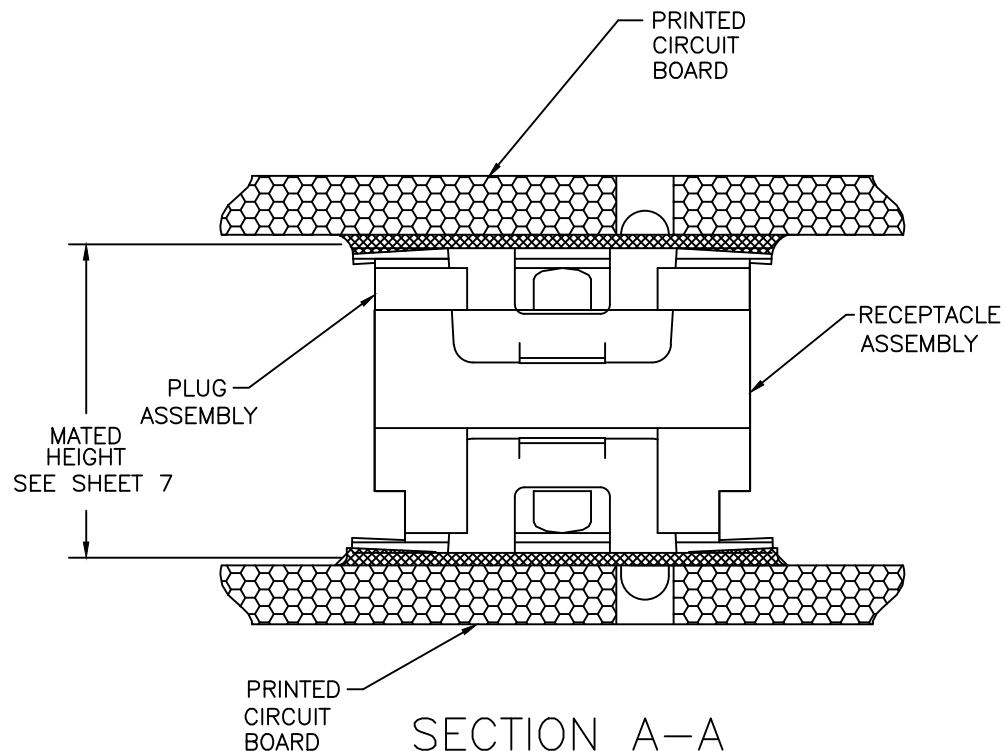
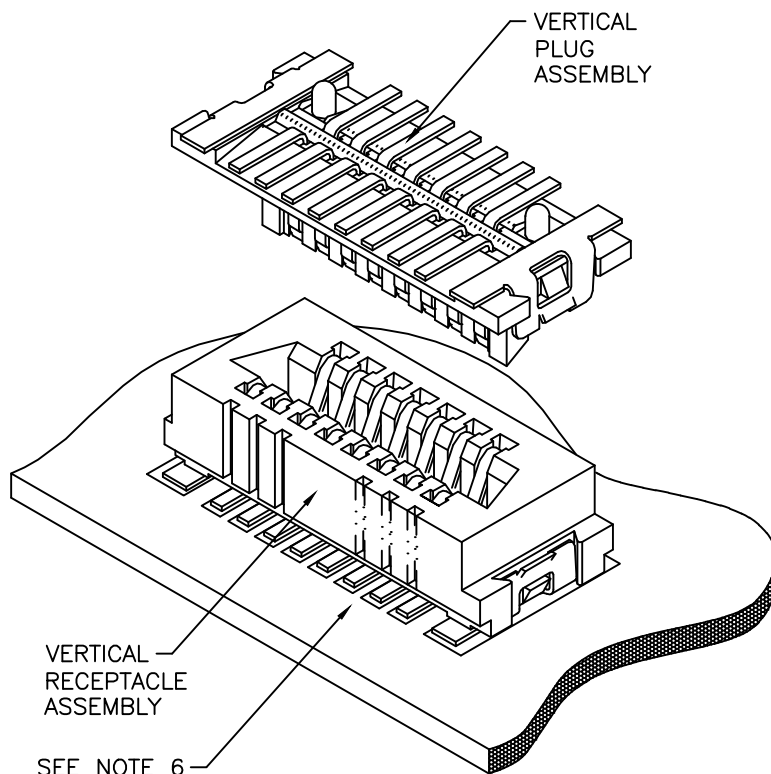
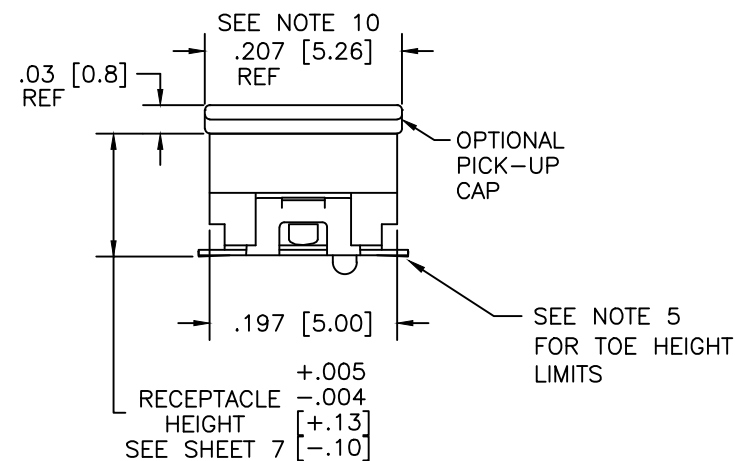


PRODUCT NUMBER  
SEE TABLE



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 |                                  | INCH/MM    | title<br>CONAN® CONNECTOR ASSEMBLY |
| A           | N11-0214    | J.Z | 2011-07-20 | angles                                | linear                           |            |                                    |
| B           | ELX-N-05460 | J.Z | 2011-08-23 |                                       |                                  | scale 5:1  | dwg no                             |
| C           | ELX-N-14210 | GM  | 2013-03-07 | 0°±2°                                 |                                  |            | sheet 1 of 7                       |
|             |             |     |            | dr                                    | J.ZHOU                           | 2011-07-20 | size                               |
|             |             |     |            | enr                                   | J.ZHOU                           | 2011-07-20 | A3                                 |
|             |             |     |            | chr                                   | J.ZHOU                           | 2011-07-20 |                                    |
|             |             |     |            | appd                                  | R.BIAN                           | 2011-07-20 |                                    |
| sheet       | revision    | C   | C          | C                                     | C                                | C          | type                               |
| index       | sheet       | 1   | 2          | 3                                     | 4                                | 5          | Product Customer Drawing           |



— OPTIONAL  
PICK-UP  
CAP

— SEE NOTE 5  
FOR TOE HEIGHT  
LIMITS

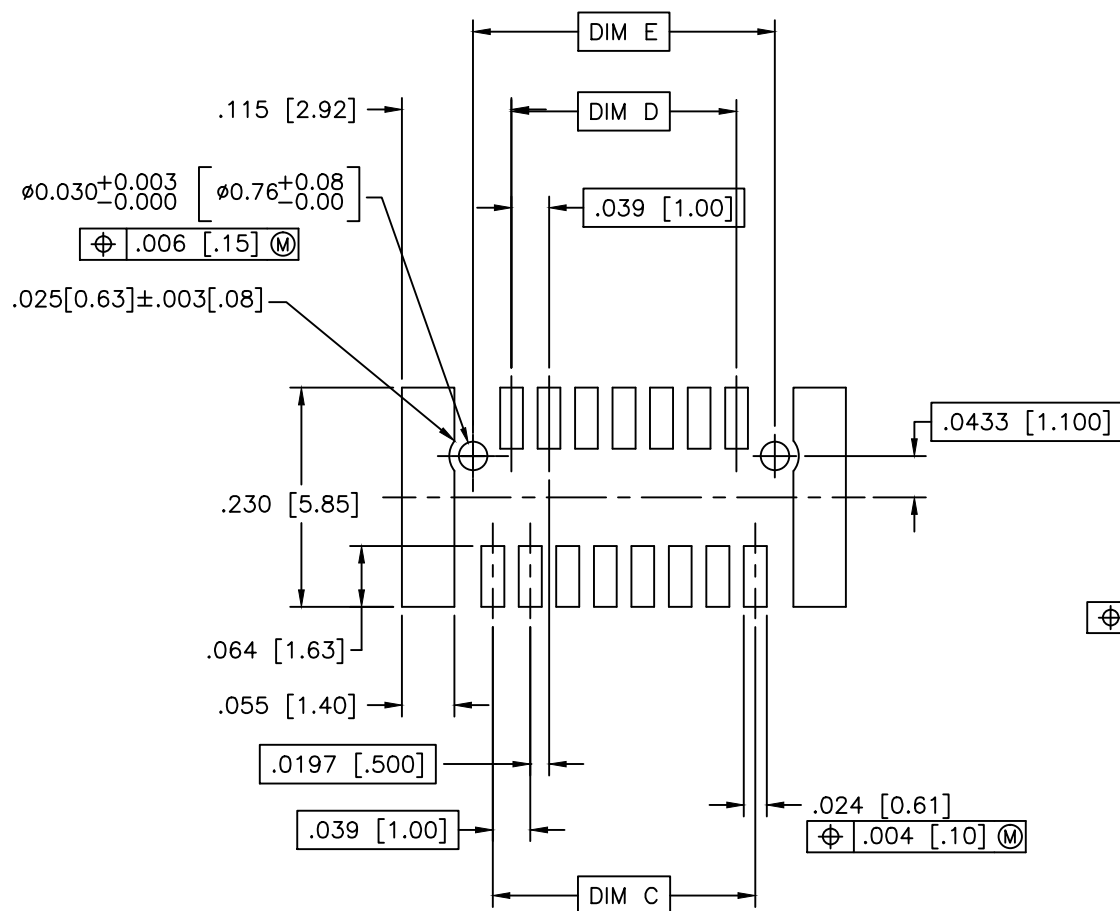
|             |         |
|-------------|---------|
|             | +0.005  |
| RECEPTACLE  | -0.004  |
| HEIGHT      | [+0.13] |
| SEE SHEET 7 | [-0.10] |

OPEN KNIT LINE  
PERMISSIBLE IN THIS AREA.

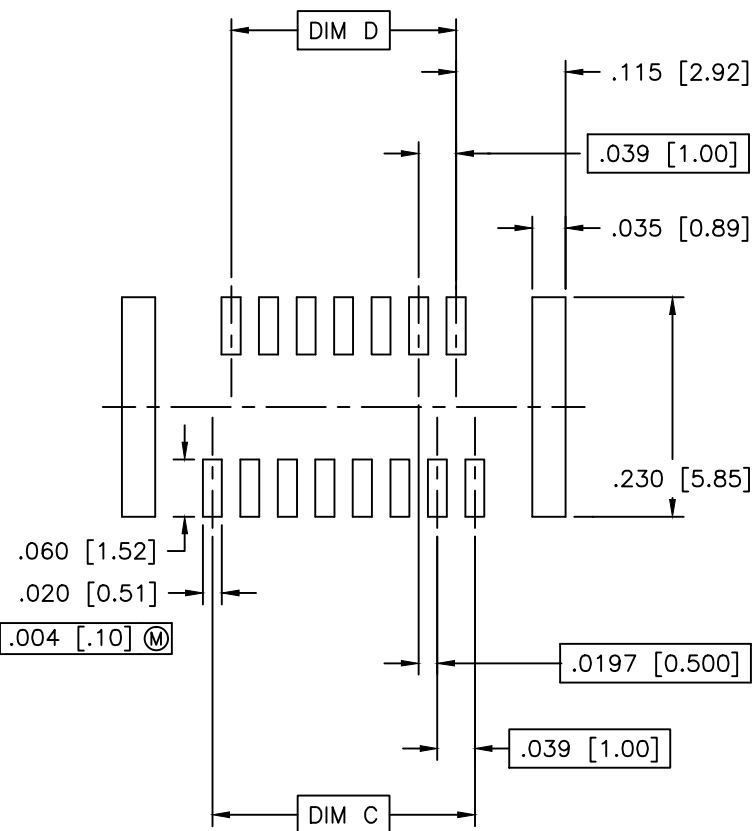
TYP

[illegible]

PRODUCT NUMBER  
SEE TABLE



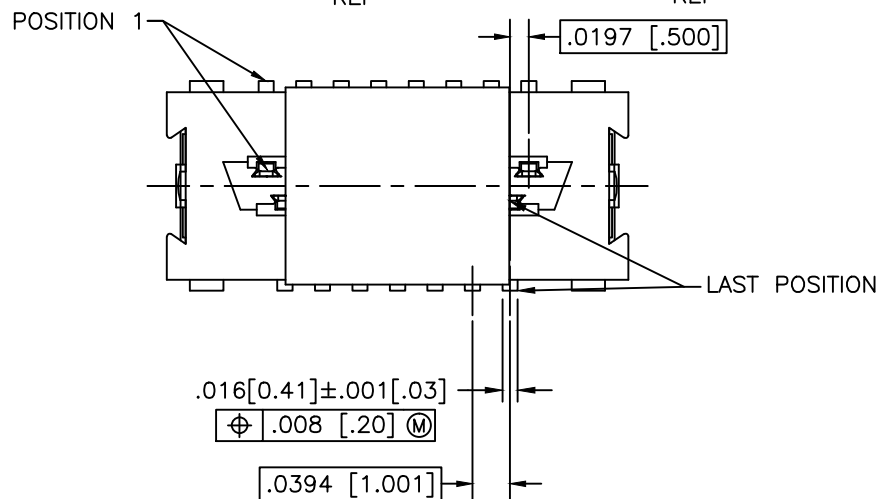
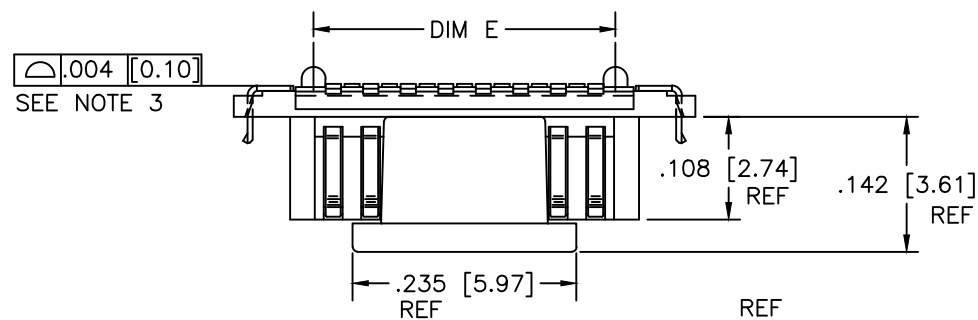
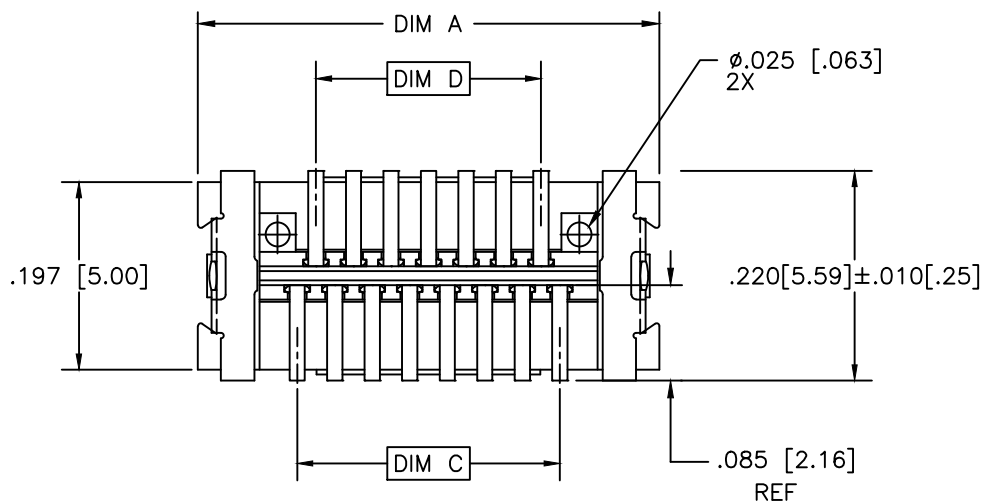
RECOMMENDED  
PAD LAYOUT  
FOR RECEPTACLE



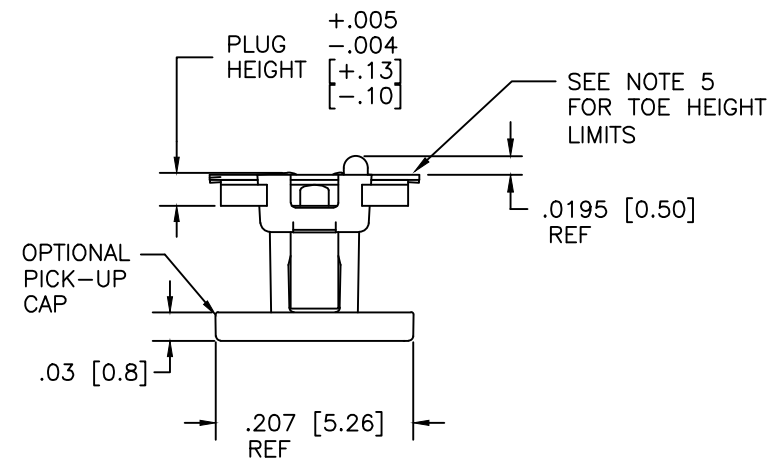
RECOMMENDED  
STENCIL LAYOUT  
FOR RECEPTACLE

|             |                |    |      |                                       |                                                                                                       |                        |                                    |
|-------------|----------------|----|------|---------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------|------------------------------------|
| mat'l. code |                |    |      | surface<br>ISO 1302                   | tolerance<br>ISO 406<br>ISO 1101                                                                      | projection<br>ISO 1006 | product family<br>CONAN®           |
| ltr         | ecn no         | dr | date | tolerances unless otherwise specified |                                                                                                       | INCH/MM                | title<br>CONAN® CONNECTOR ASSEMBLY |
| c           |                |    |      | angles                                | linear                                                                                                |                        |                                    |
|             |                |    |      | 0°±2°                                 | $.XXX \pm .01 / .XXX \pm 0.3$<br>$.XXX \pm .005 / .XXX \pm 0.13$<br>$.XXX \pm .0020 / .XXX \pm 0.051$ | scale 5:1              | dwg no                             |
|             |                |    |      | dr                                    | J.ZHOU                                                                                                | 2011-07-20             | sheet 3 of 7 size                  |
|             |                |    |      | enr                                   | J.ZHOU                                                                                                | 2011-07-20             | 10118744 A3                        |
|             |                |    |      | chr                                   | J.ZHOU                                                                                                | 2011-07-20             | type Product Customer Drawing      |
|             |                |    |      | appd                                  | R.BIAN                                                                                                | 2011-07-20             |                                    |
| sheet index | revision sheet |    |      |                                       |                                                                                                       |                        |                                    |

PRODUCT NUMBER  
SEE TABLE



PLUG

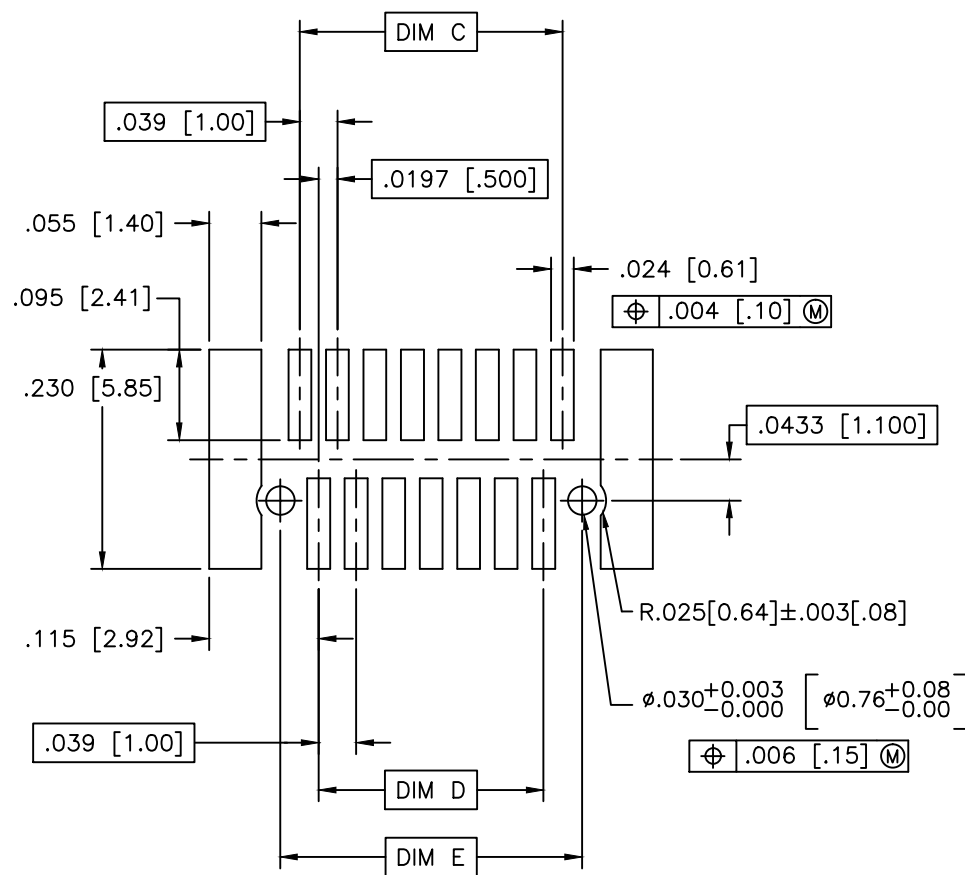
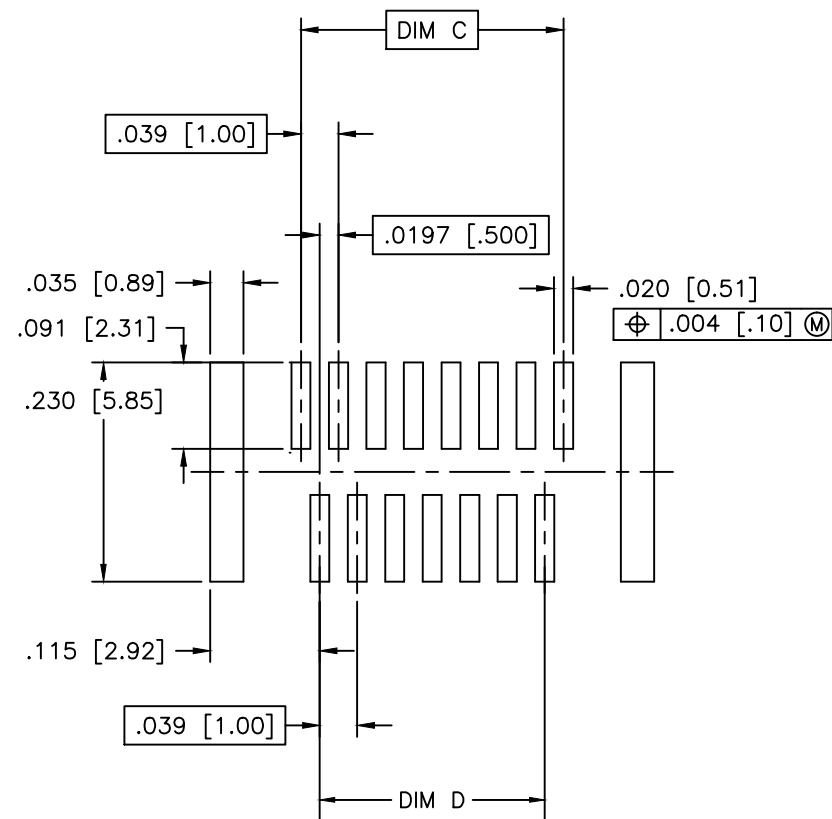


|             |                |      |        |                                       |                                  |                          |                                       |
|-------------|----------------|------|--------|---------------------------------------|----------------------------------|--------------------------|---------------------------------------|
| 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 |                                  | <br>INCH/MM<br>scale 5:1 | title<br>CONAN® CONNECTOR<br>ASSEMBLY |
| c           |                |      |        | angles                                | linear                           |                          |                                       |
|             |                |      |        | 0° ± 2°                               |                                  |                          |                                       |
|             |                | dr   | J.ZHOU | 2011-07-20                            |                                  |                          | dwg no                                |
|             |                | enr  | J.ZHOU | 2011-07-20                            |                                  |                          | 10118744                              |
|             |                | chr  | J.ZHOU | 2011-07-20                            |                                  |                          | sheet 4 of 7 size<br>A3               |
|             |                | appd | R.BIAN | 2011-07-20                            |                                  |                          | type Product Customer Drawing         |
| sheet index | revision sheet |      |        |                                       |                                  |                          |                                       |



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PRODUCT NUMBER  
SEE TABLERECOMMENDED  
PAD LAYOUT  
FOR PLUGRECOMMENDED  
STENCIL LAYOUT  
FOR PLUG

|             |                |    |      |                                       |                                  |                |                                       |  |  |  |
|-------------|----------------|----|------|---------------------------------------|----------------------------------|----------------|---------------------------------------|--|--|--|
| 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<br>CONAN® CONNECTOR<br>ASSEMBLY |  |  |  |
| c           |                |    |      | angles                                | linear                           |                |                                       |  |  |  |
|             |                |    |      | 0°±2'                                 |                                  |                | dwg no                                |  |  |  |
|             |                |    |      | dr                                    | J.ZHOU                           | 2011-07-20     | sheet 5 of 7 size                     |  |  |  |
|             |                |    |      | enr                                   | J.ZHOU                           | 2011-07-20     | 10118744                              |  |  |  |
|             |                |    |      | chr                                   | J.ZHOU                           | 2011-07-20     | A3                                    |  |  |  |
|             |                |    |      | appd                                  | R.BIAN                           | 2011-07-20     |                                       |  |  |  |
| sheet index | revision sheet |    |      |                                       |                                  |                | type Product Customer Drawing         |  |  |  |

| 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 |                                                                                                     | title                        |                          |  |      |
| c           |          |    |    |                     | angles                                | linear                                                                                              | CONAN® CONNECTOR<br>ASSEMBLY |                          |  |      |
|             |          |    |    |                     | 0°±2'                                 |                                                                                                     | dwg no                       |                          |  |      |
|             |          |    |    |                     | dr                                    | J.ZHOU                                                                                              | 2011-07-20                   | sheet 6 of 7             |  | size |
|             |          |    |    |                     | enr                                   | J.ZHOU                                                                                              | 2011-07-20                   | 10118744                 |  | A3   |
|             |          |    |    |                     | chr                                   | J.ZHOU                                                                                              | 2011-07-20                   | type                     |  |      |
|             |          |    |    |                     | appd                                  | R.BIAN                                                                                              | 2011-07-20                   | Product Customer Drawing |  |      |
| 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<br>WITH PEGS       | 1 |
| RECEPTACLE<br>WITH PEGS | 3 |

| Y | PLUG<br>HEIGHT | RECEPTACLE<br>HEIGHT              | MATED<br>HEIGHT |
|---|----------------|-----------------------------------|-----------------|
| 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<br>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                                                                               | title<br>CONAN® CONNECTOR<br>ASSEMBLY |  |              |  |      |
| c           |        |                |      | angles                                | linear | XXX±.01/XXX.3                    |  |                                                                                                     |  |                                                                                       |                                       |  |              |  |      |
|             |        |                |      |                                       |        | XXX±.005/XXX±0.13                |  |                                                                                                     |  |                                                                                       |                                       |  |              |  |      |
|             |        |                |      | 0°±2'                                 |        | XXXX±.0020/XXX±0.05              |  |                                                                                                     |  | scale 5:1                                                                             |                                       |  |              |  |      |
|             |        |                |      | dr                                    | J.ZHOU | 2011-07-20                       |  |                                                                                                     |  |  | dwg no                                |  | sheet 7 of 7 |  | size |
|             |        |                |      | enr                                   | J.ZHOU | 2011-07-20                       |  |                                                                                                     |  |                                                                                       | 10118744                              |  | A3           |  |      |
|             |        |                |      | 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.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



## 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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