

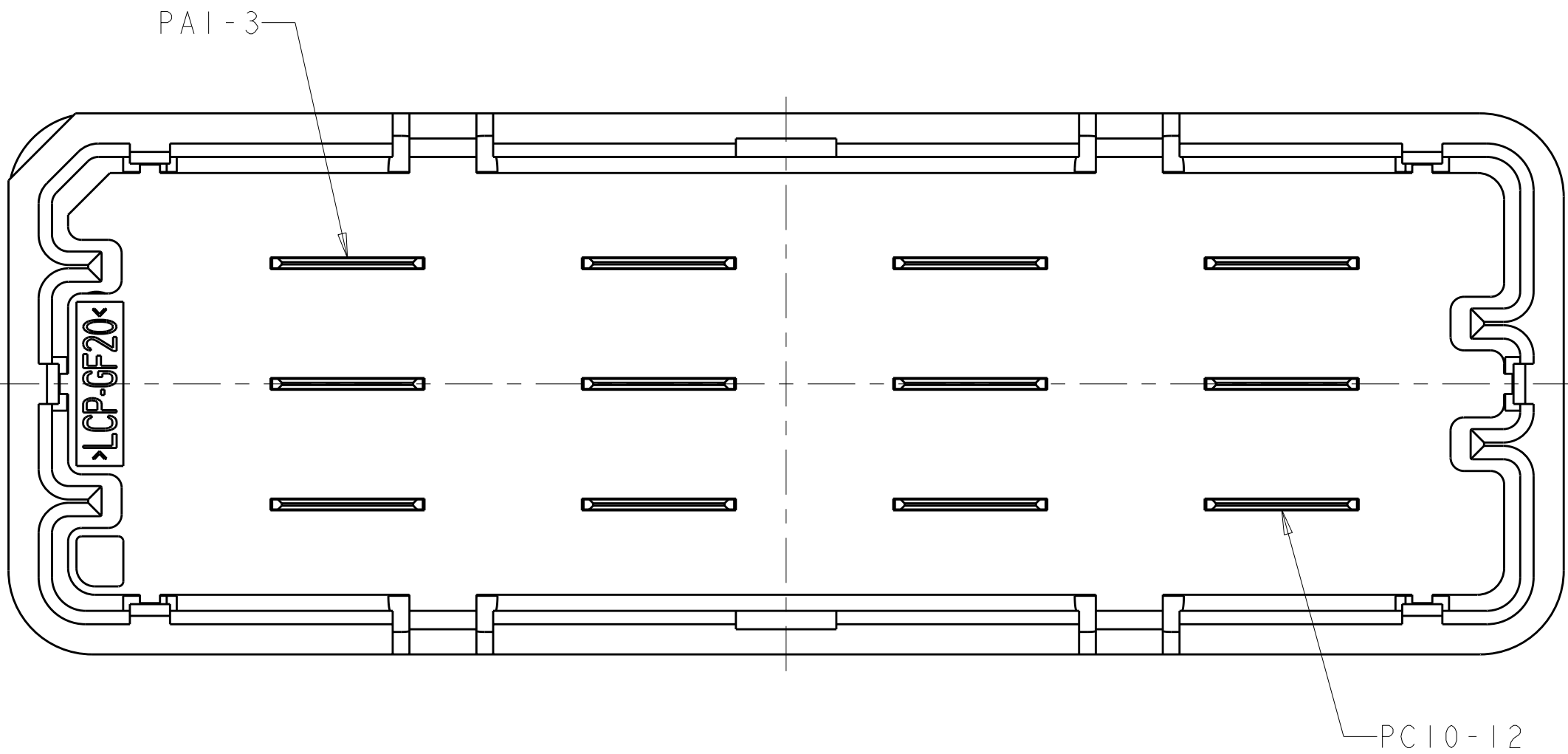
| LOC |    | DIST |     | REVISIONS   |  |           |     |      |  |
|-----|----|------|-----|-------------|--|-----------|-----|------|--|
| GP  | 00 | P    | LTR | DESCRIPTION |  | DATE      | OWN | APVD |  |
|     |    |      | 2   | REVISED     |  | 13DEC2010 | WS  | MH   |  |
|     |    |      | 3   | REVISED     |  | 14MAY2012 | REH | DT   |  |
|     |    |      |     |             |  |           |     |      |  |
|     |    |      |     |             |  |           |     |      |  |

D

C

B

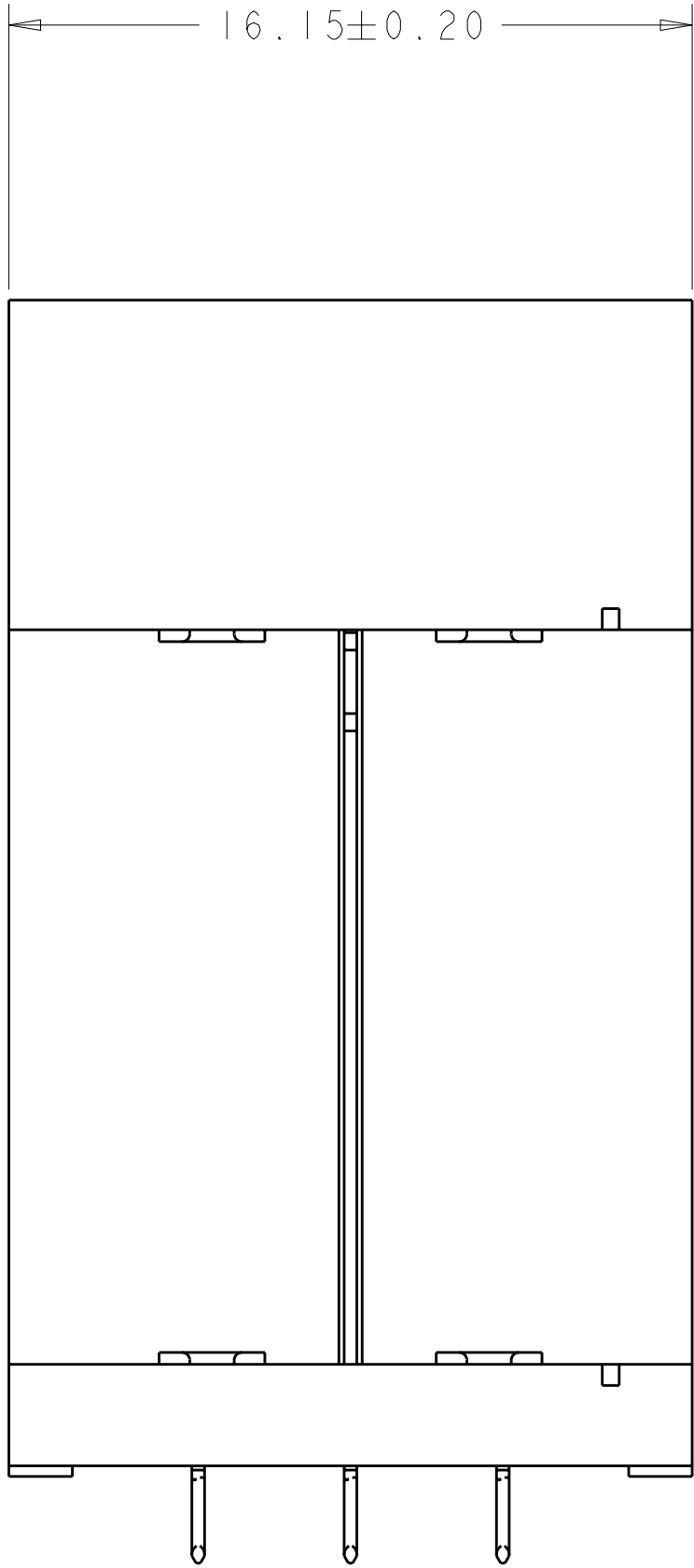
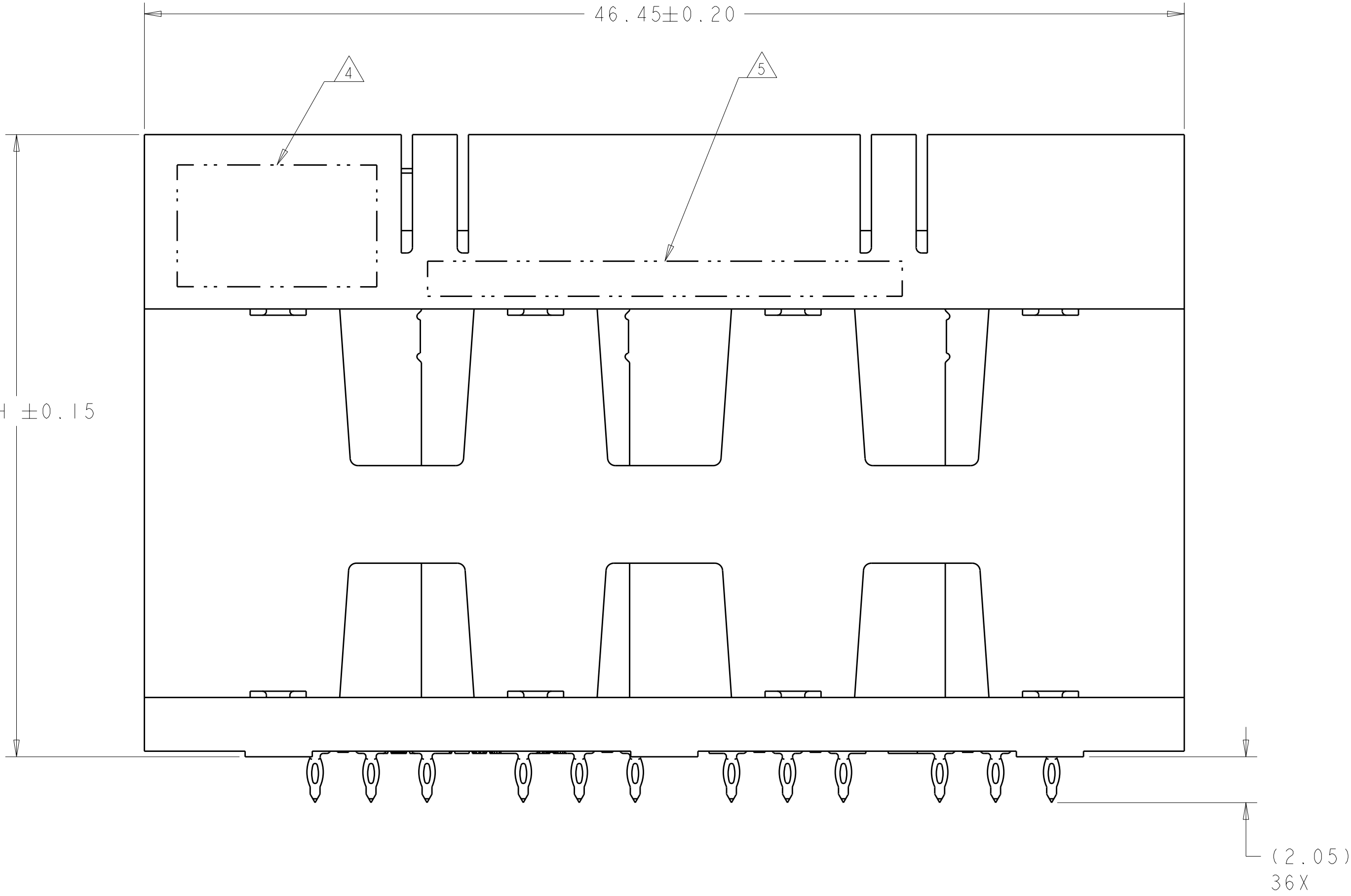
A



- △ MATERIAL:  
BASE HOUSING, UPPER HOUSING, ORGANIZER,  
AND SPACER: THERMOPLASTIC, FLAMMABILITY  
RATING UL94 V-0  
CONTACT: COPPER ALLOY
2. CONFORMS TO THE REQUIREMENTS OF TE PRODUCT  
SPECIFICATION, 108-2375; BASED ON TELCORDIA  
GR-1217-CORE FOR SYSTEM QUALITY LEVEL III,  
APPLICATIONS IN CONTROLLED ENVIRONMENTS  
(CENTRAL OFFICE).  
SEE TE PRODUCT SPECIFICATION 108-2375 FOR  
TEST SEQUENCES.
- △ 3 SPECIFIED POSITIONAL TOLERANCE DEFINES HOLE TO  
HOLE LOCATION WITHIN HOLE PATTERN. POSITIONAL  
TOLERANCE OF HOLE PATTERN TO FIDUCIAL MARKS  
OR PCB DATUMS SHALL BE DEFINED BY CUSTOMER.
- △ 4 AREA RESERVED FOR TE CONNECTIVITY LOGO.
- △ 5 AREA RESERVED FOR PART NUMBER (X-XXXXXXX-X) AND  
DATE CODE (YYWW).
- △ 6 USE CENTER LINES INDICATED ON PCB HOLE PATTERN  
TO ESTABLISH ALIGNMENT BETWEEN HEADER AND  
RECEPTACLE BOARDS.
- △ 7 PLATED THROUGH HOLE REQUIREMENTS:  
HOLE SIZE PRIOR TO PLATING =  $\varnothing 0.700 \pm 0.025$   
COPPER PLATING THICKNESS =  $0.038 \pm 0.013$   
CALCULATED FINISHED HOLE SIZE =  $\varnothing 0.624 \pm 0.051$   
THESE DIMENSIONS APPLY TO THE TOP 1.50mm OF  
THE PCB THICKNESS FROM THE CONNECTOR MOUNTING  
SIDE.
- △ 8 CONTACT SALES FOR AVAILABILITY OF THIS STACK  
HEIGHT.

SIZE 2 HALF-WIDE \*  
12 POWER CONTACTS

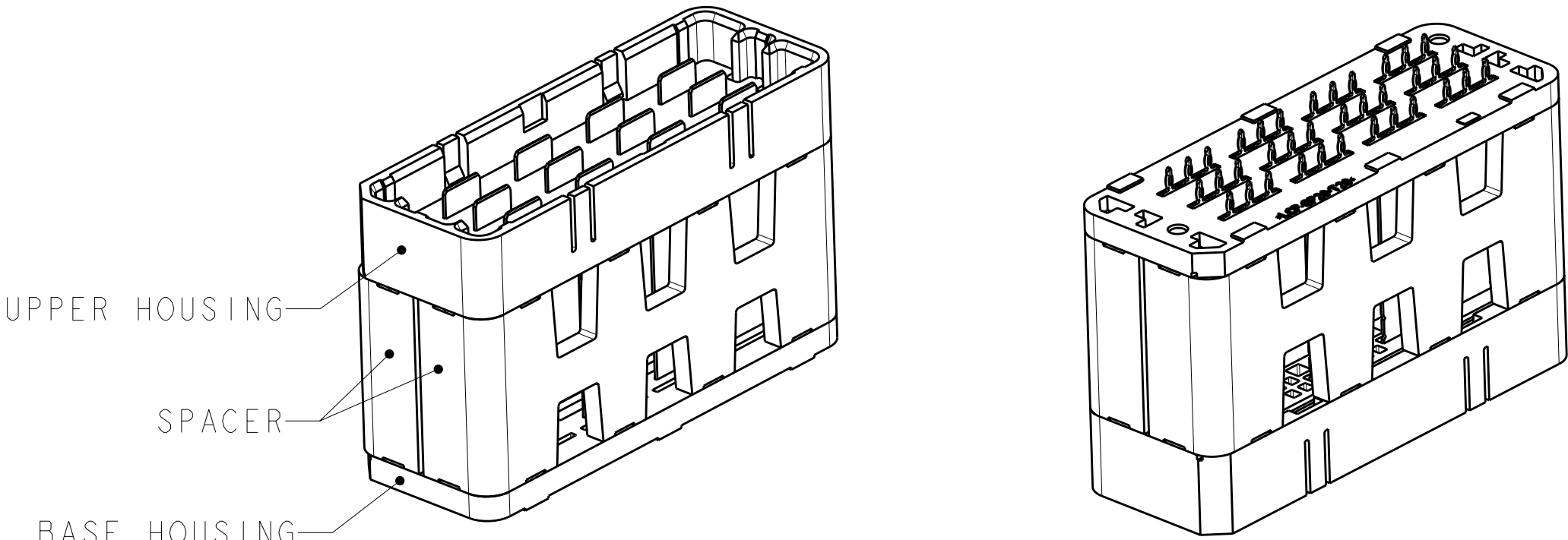
\* SIZE 1 AND SIZE 3 ARE ALSO AVAILABLE



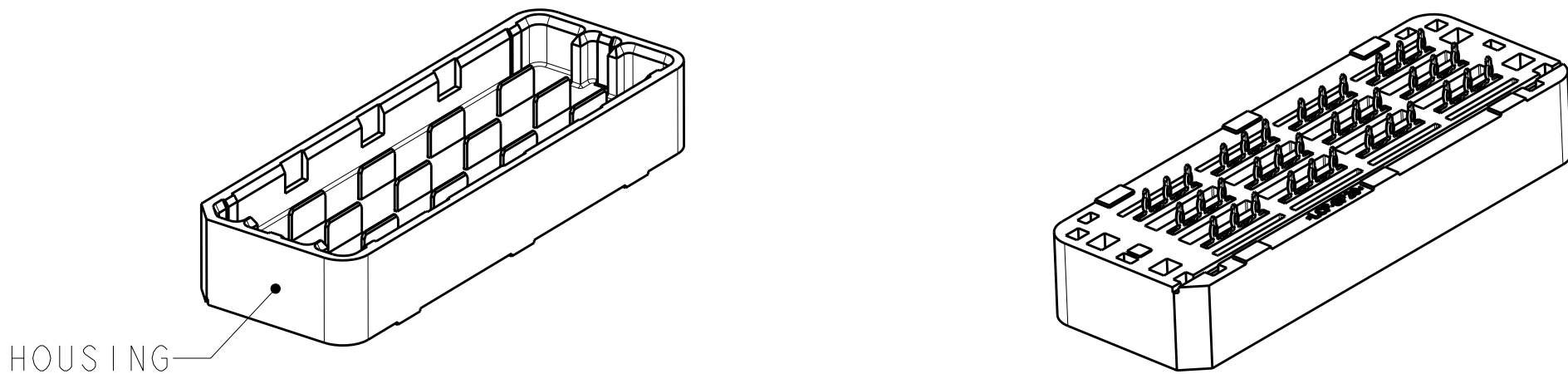
THIS PRODUCT HAS NOT  
COMPLETED VALIDATION AND  
QUALIFICATION TESTING

|                                        |  |                  |           |                 |  |
|----------------------------------------|--|------------------|-----------|-----------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | OWN              | 26OCT2010 | TE Connectivity |  |
| DIMENSIONS:                            |  | CHK              | 27OCT2010 |                 |  |
| mm                                     |  | D. TROUT         | 27OCT2010 | NAME            |  |
|                                        |  | APVD             | 27OCT2010 | PRODUCT SPEC    |  |
|                                        |  | J. FEDDER        | 27OCT2010 | 108-2375        |  |
| MATERIAL                               |  | APPLICATION SPEC |           | SIZE            |  |
|                                        |  | 114-13249        |           | CAGE CODE       |  |
| FINISH                                 |  | WEIGHT           |           | DRAWING NO      |  |
| -                                      |  | -                |           | A100779         |  |
| CUSTOMER DRAWING                       |  | SCALE            |           | RESTRICTED TO   |  |
|                                        |  | 6:1              |           | -               |  |
|                                        |  | SHEET            |           | OF              |  |
|                                        |  | 1                |           | 4               |  |
|                                        |  | REV              |           | 3               |  |

| LOC |    | DIST |     | REVISIONS   |      |     |      |  |
|-----|----|------|-----|-------------|------|-----|------|--|
| GP  | 00 | P    | LYR | DESCRIPTION | DATE | OWN | APVD |  |
|     |    | -    | -   | SEE SHEET 1 | -    | -   | -    |  |
|     |    |      |     |             |      |     |      |  |
|     |    |      |     |             |      |     |      |  |



ISOMETRIC VIEW  
TYPICAL CONFIGURATION FOR 14mm THRU 42mm  
28mm SHOWN  
SCALE 2:1



ISOMETRIC VIEWS  
TYPICAL CONFIGURATION FOR 8mm THRU 13mm  
8mm SHOWN  
SCALE 2:1

|        |       |              |                      |             |
|--------|-------|--------------|----------------------|-------------|
|        | 41.8  | 42mm         | MATTE Sn             | 9-2149530-2 |
|        | 40.8  | 41mm         | MATTE Sn             | 9-2149530-1 |
|        | 39.8  | 40mm         | MATTE Sn             | 9-2149530-0 |
|        | 38.8  | 39mm         | MATTE Sn             | 8-2149530-9 |
|        | 37.8  | 38mm         | MATTE Sn             | 8-2149530-8 |
| YES    | 36.8  | 37mm         | MATTE Sn             | 8-2149530-7 |
|        | 35.8  | 36mm         | MATTE Sn             | 8-2149530-6 |
|        | 34.8  | 35mm         | MATTE Sn             | 8-2149530-5 |
|        | 33.8  | 34mm         | MATTE Sn             | 8-2149530-4 |
|        | 32.8  | 33mm         | MATTE Sn             | 8-2149530-3 |
|        | 31.8  | 32mm         | MATTE Sn             | 8-2149530-2 |
|        | 30.8  | 31mm         | MATTE Sn             | 8-2149530-1 |
|        | 29.8  | 30mm         | MATTE Sn             | 8-2149530-0 |
|        | 28.8  | 29mm         | MATTE Sn             | 7-2149530-9 |
|        | 27.8  | 28mm         | MATTE Sn             | 7-2149530-8 |
|        | 26.8  | 27mm         | MATTE Sn             | 7-2149530-7 |
|        | 25.8  | 26mm         | MATTE Sn             | 7-2149530-6 |
|        | 24.8  | 25mm         | MATTE Sn             | 7-2149530-5 |
|        | 23.8  | 24mm         | MATTE Sn             | 7-2149530-4 |
|        | 22.8  | 23mm         | MATTE Sn             | 7-2149530-3 |
| YES    | 21.8  | 22mm         | MATTE Sn             | 7-2149530-2 |
|        | 20.8  | 21mm         | MATTE Sn             | 7-2149530-1 |
|        | 19.8  | 20mm         | MATTE Sn             | 7-2149530-0 |
|        | 18.8  | 19mm         | MATTE Sn             | 6-2149530-9 |
|        | 17.8  | 18mm         | MATTE Sn             | 6-2149530-8 |
|        | 16.8  | 17mm         | MATTE Sn             | 6-2149530-7 |
|        | 15.8  | 16mm         | MATTE Sn             | 6-2149530-6 |
|        | 14.8  | 15mm         | MATTE Sn             | 6-2149530-5 |
|        | 13.8  | 14mm         | MATTE Sn             | 6-2149530-4 |
|        | 12.8  | 13mm         | MATTE Sn             | 6-2149530-3 |
|        | 11.8  | 12mm         | MATTE Sn             | 6-2149530-2 |
|        | 10.8  | 11mm         | MATTE Sn             | 6-2149530-1 |
|        | 9.8   | 10mm         | MATTE Sn             | 6-2149530-0 |
|        | 8.8   | 9mm          | MATTE Sn             | 5-2149530-9 |
|        | 7.8   | 8mm          | MATTE Sn             | 5-2149530-8 |
| TOOLED | DIM H | STACK HEIGHT | CONTACT TAIL PLATING | PART NUMBER |

|        |       |              |                      |             |
|--------|-------|--------------|----------------------|-------------|
|        | 41.8  | 42mm         | Sn/Pb                | 4-2149530-2 |
|        | 40.8  | 41mm         | Sn/Pb                | 4-2149530-1 |
|        | 39.8  | 40mm         | Sn/Pb                | 4-2149530-0 |
|        | 38.8  | 39mm         | Sn/Pb                | 3-2149530-9 |
|        | 37.8  | 38mm         | Sn/Pb                | 3-2149530-8 |
| YES    | 36.8  | 37mm         | Sn/Pb                | 3-2149530-7 |
|        | 35.8  | 36mm         | Sn/Pb                | 3-2149530-6 |
|        | 34.8  | 35mm         | Sn/Pb                | 3-2149530-5 |
|        | 33.8  | 34mm         | Sn/Pb                | 3-2149530-4 |
|        | 32.8  | 33mm         | Sn/Pb                | 3-2149530-3 |
|        | 31.8  | 32mm         | Sn/Pb                | 3-2149530-2 |
|        | 30.8  | 31mm         | Sn/Pb                | 3-2149530-1 |
|        | 29.8  | 30mm         | Sn/Pb                | 3-2149530-0 |
|        | 28.8  | 29mm         | Sn/Pb                | 2-2149530-9 |
|        | 27.8  | 28mm         | Sn/Pb                | 2-2149530-8 |
|        | 26.8  | 27mm         | Sn/Pb                | 2-2149530-7 |
|        | 25.8  | 26mm         | Sn/Pb                | 2-2149530-6 |
|        | 24.8  | 25mm         | Sn/Pb                | 2-2149530-5 |
|        | 23.8  | 24mm         | Sn/Pb                | 2-2149530-4 |
|        | 22.8  | 23mm         | Sn/Pb                | 2-2149530-3 |
| YES    | 21.8  | 22mm         | Sn/Pb                | 2-2149530-2 |
|        | 20.8  | 21mm         | Sn/Pb                | 2-2149530-1 |
|        | 19.8  | 20mm         | Sn/Pb                | 2-2149530-0 |
|        | 18.8  | 19mm         | Sn/Pb                | 1-2149530-9 |
|        | 17.8  | 18mm         | Sn/Pb                | 1-2149530-8 |
|        | 16.8  | 17mm         | Sn/Pb                | 1-2149530-7 |
|        | 15.8  | 16mm         | Sn/Pb                | 1-2149530-6 |
|        | 14.8  | 15mm         | Sn/Pb                | 1-2149530-5 |
|        | 13.8  | 14mm         | Sn/Pb                | 1-2149530-4 |
|        | 12.8  | 13mm         | Sn/Pb                | 1-2149530-3 |
|        | 11.8  | 12mm         | Sn/Pb                | 1-2149530-2 |
|        | 10.8  | 11mm         | Sn/Pb                | 1-2149530-1 |
|        | 9.8   | 10mm         | Sn/Pb                | 1-2149530-0 |
|        | 8.8   | 9mm          | Sn/Pb                | 2149530-9   |
|        | 7.8   | 8mm          | Sn/Pb                | 2149530-8   |
| TOOLED | DIM H | STACK HEIGHT | CONTACT TAIL PLATING | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

9 PLC ±.013

5 PLC ±.013

4 PLC ±.013

ANGLES ±.1

FINISH -

mm

MATERIAL -

-

OWN HAMNER 26OCT2010

CHK D. TROUT 27OCT2010

APVD J. FEDDER 27OCT2010

PRODUCT SPEC

108-2375

APPLICATION SPEC

114-13249

WEIGHT -

CUSTOMER DRAWING

NAME

HEADER ASSEMBLY, HALF-WIDE, 12P, STRADA MESA MEZZANINE CONNECTOR

SIZE 100779

CAGE CODE

DRAWING NO C=2149530

RESTRICTED TO -

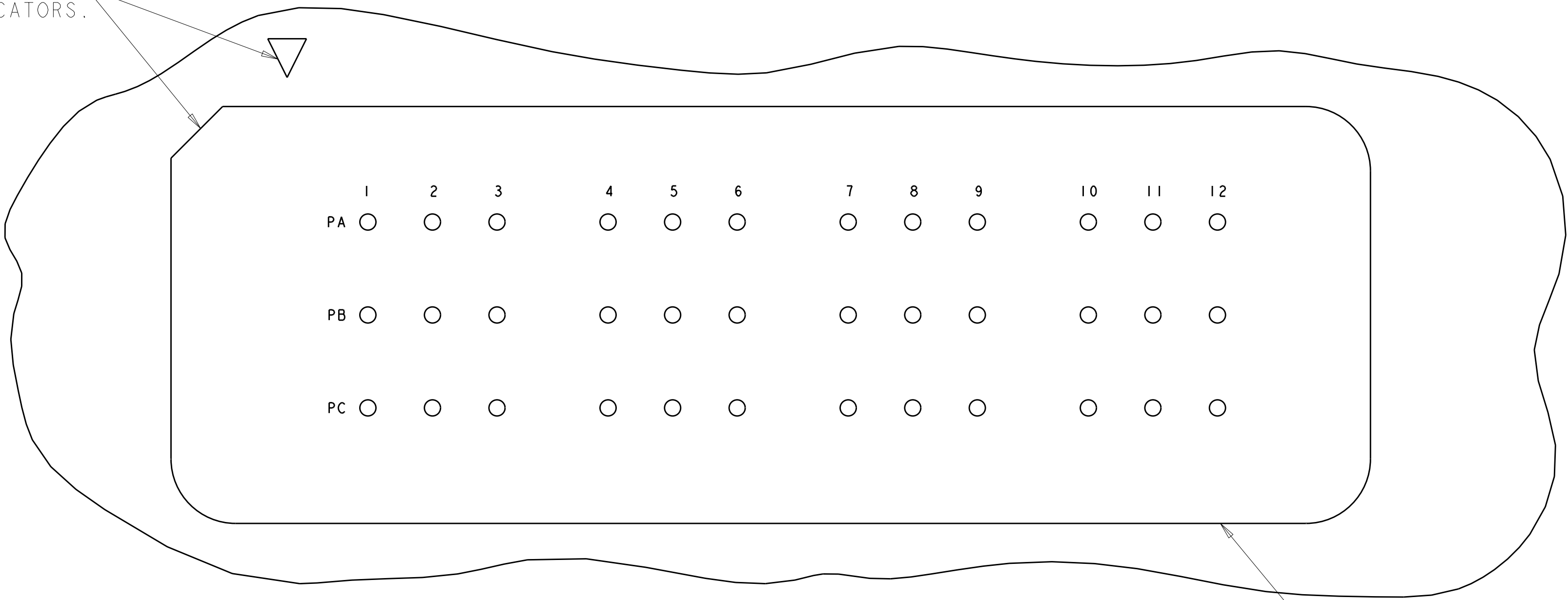
SCALE 6:1

SHEET 2 OF 4

REV 3

| LOC |  | DIST |  | REVISIONS |     |             |      |     |      |
|-----|--|------|--|-----------|-----|-------------|------|-----|------|
| GP  |  | 00   |  | REV       | LYR | DESCRIPTION | DATE | DWN | APVD |
|     |  |      |  | -         | -   | SEE SHEET 1 | -    | -   | -    |
|     |  |      |  |           |     |             |      |     |      |
|     |  |      |  |           |     |             |      |     |      |
|     |  |      |  |           |     |             |      |     |      |

A1 CORNER INDICATORS.



MATED CONNECTOR OUTLINE  
SEE SHEET 4 FOR LOCATION TO HOLES

PCB LAYOUT AND PIN IDENTIFICATION  
SHOWN FROM CONNECTOR SIDE  
SCALE 7:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN  
HAMNER

26OCT2010

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

3 PLC ±

2 PLC ±.13

3 PLC ±0.013

4 PLC ±

ANGLES ±.1

FINISH -

APVD  
D. TROUT

27OCT2010

CHK  
D. TROUT

27OCT2010

APVD  
J. FEDDER

27OCT2010

PRODUCT SPEC

108-2375

APPLICATION SPEC

114-13249

WEIGHT -

CUSTOMER DRAWING

NAME

HEADER ASSEMBLY,  
HALF-WIDE, 12P,  
STRADA MESA MEZZANINE CONNECTOR

SIZE  
A100779

CAGE CODE  
C=2149530

DRAWING NO

RESTRICTED TO

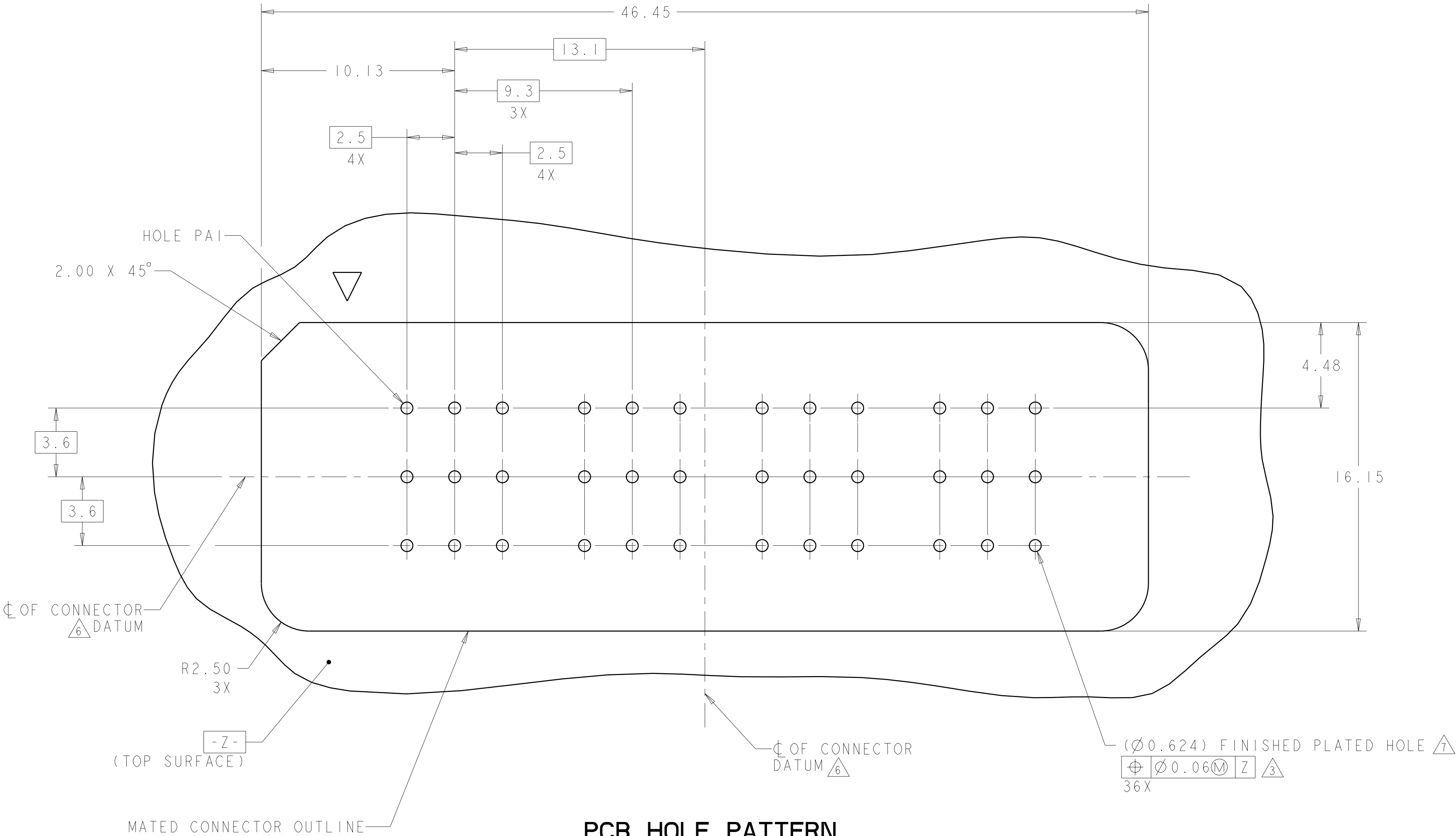
SCALE 6:1

SHEET 3 OF 4

REV 3

TE Connectivity

| LOC |  | DIST |  | REVISIONS |     |             |      |     |      |
|-----|--|------|--|-----------|-----|-------------|------|-----|------|
| GP  |  | 00   |  | REV       | LYR | DESCRIPTION | DATE | DWN | APVD |
|     |  |      |  | -         | -   | SEE SHEET 1 | -    | -   | -    |
|     |  |      |  |           |     |             |      |     |      |
|     |  |      |  |           |     |             |      |     |      |
|     |  |      |  |           |     |             |      |     |      |



PCB HOLE PATTERN  
SHOWN FROM CONNECTOR SIDE  
SCALE 7:1

|                                        |                                        |                   |           |                  |  |
|----------------------------------------|----------------------------------------|-------------------|-----------|------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                        | DWN<br>HAMNER     | 26OCT2010 | TE Connectivity  |  |
| DIMENSIONS:                            |                                        | CHK<br>D. TROUT   | 27OCT2010 |                  |  |
| mm                                     | TOLERANCES UNLESS OTHERWISE SPECIFIED: | APVD<br>J. FEEDER | 27OCT2010 | NAME             |  |
|                                        | 9 PLC                                  | ±                 |           | PRODUCT SPEC     |  |
|                                        | 1 PLC                                  | ±                 |           | 108-2375         |  |
|                                        | 3 PLC                                  | ±0.13             |           | APPLICATION SPEC |  |
|                                        | 5 PLC                                  | ±0.013            |           | 114-13249        |  |
| MATERIAL                               |                                        | FINISH            |           | SIZE             |  |
| -                                      |                                        | -                 |           | A100779C=2149530 |  |
| CUSTOMER DRAWING                       |                                        | WEIGHT            | -         | RESTRICTED TO    |  |
|                                        |                                        |                   |           | -                |  |
|                                        |                                        | SCALE             | 6:1       | SHEET 4 OF 4     |  |
|                                        |                                        |                   |           | REV 3            |  |

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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Факс: 8 (812) 320-03-32

Электронная почта: [ocean@oceanchips.ru](mailto:ocean@oceanchips.ru)

Web: <http://oceanchips.ru/>

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