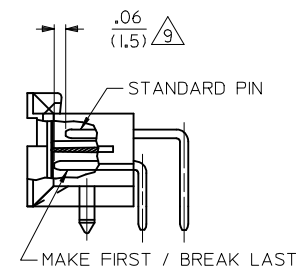


| CIRCUIT SIZE | DIM. "A" | DIM. "B" |
|--------------|----------------|------------------|
| 2 | — | — |
| 4 | .59 (15.0) | .165 (4.20) |
| 6 | .76 (19.2) | .331 (8.40) |
| 8 | .92 (23.4) | .496 (12.60) |
| 10 | 1.09 (27.6) | .661 (16.80) |
| 12 | 1.25 (31.8) | .827 (21.00) |
| 14 | 1.42 (36.0) | .992 (25.20) |
| 16 | 1.58 (40.2) | 1.157 (29.40) |
| 18 | 1.75 (44.4) | 1.323 (33.60) |
| 20 | 1.91 (48.6) | 1.488 (37.80) |
| 22 | 2.08 (52.8) | 1.654 (42.00) |
| 24 | 2.24 (57.0) | 1.819 (46.20) |



A-44499-*



4 CIRCUIT PCB LAYOUT
 RECOMMENDED HOLE LAYOUT FOR
 .070/(1.78) MAX. THICK P.C. BOARD
 VIEWED FROM COMPONENT SIDE



RECOMMENDED HOLE LAYOUT FOR
 .070/(1.78) MAX. THICK P.C. BOARD
 VIEWED FROM COMPONENT SIDE

- NOTES:
 1) MATERIAL:
 HOUSING: "A" = NYLON 6/6, UL 94V-2, COLOR: NATURAL
 "B" = NYLON 6/6, UL 94V-0, COLOR: NATURAL
 TERMINALS: BRASS
 2) TERMINAL PLATING:
 C = .000030/(.00076) MIN. SELECT GOLD AND
 .000100/(.00254) MIN. MATTE TIN OVER
 .000050/(.00127) MIN. NICKEL OVERALL.
 D = .000100/(.00254) MIN. MATTE TIN OVER
 .000050/(.00127) MIN. NICKEL OVERALL.
 3) PRODUCT SPECIFICATION: PS-5556-002
 4) PACKAGING: TRAY PACKED PER MOLEX SPECIFICATION PK-42404-002.
 5) PART MATES WITH MINI-FIT JR. RECEPTACLE 5557, 42385, 42474
 AND 44516. 2 CIRCUIT PARTS MATE WITH 42385, 42474, AND 44516 ONLY.
 6) PART ALLOWS FOR UP TO .100/(2.54) MISALIGNMENT WITH MATING
 RECEPTACLE IN ANY DIRECTION. SEE MATING CONNECTOR
 DRAWINGS FOR SPECIFIC ALLOWANCES.
 7) PART IS NOT DESIGNED FOR CURRENT SHARING.
 8) CONNECTOR ASSEMBLIES ARE NOT TO BE MATED OR UNMATED
 WHILE CIRCUITS ARE LIVE.
 9) CIRCUITS SHOWN PROVIDE THE "MAKE-FIRST/BREAK-LAST" FEATURE.
 10) PART CONFORMS TO CLASS B OF COSMETIC SPECIFICATION PS-45499-002.
 11) DISCOLORATION IN THE BANDOLIER CARRIER AREA OF THE PIN IS
 INHERENT TO THE PLATING PROCESS AND IS DUE TO THE MASKING
 EFFECT OF THE CARRIER. THIS DISCOLORATION IS IN A NON-FUNCTIONAL
 AREA OF THE PIN AND WILL NOT AFFECT THE PERFORMANCE OF THE
 HEADER ASSEMBLY.
 FORMING MARKS ARE ACCEPTABLE

| | | | | | | | |
|---|--------------------------------------|--|-----------------------|--|------------------------|--------------------------|------------------------|
| ADD 4499-0066 EC NO: UCP2015-3172 DRWINGB 2015/02/05 CHKD:IBELL 2015/02/05 APPR:FSMITH 2015/02/18 | QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | | SCALE 2:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
| | | | mm | INCH | | | |
| D17 | DESCRIPTION | DRAWN BY AFG DATE 1994/09/13 CHECKED BY DATE 1994/09/13 APPROVED BY FSMITH DATE 2011/08/03 | 4 PLACES ± --- ± --- | | MATERIAL NO. SEE CHART | DOCUMENT NO. SDA-44499-* | SHEET NO. 1 OF 3 |
| | | | 3 PLACES ± --- ± .010 | | | | |
| | | 2 PLACES ± 0.25 ± .015 | | SELECTIVELY-LOADED RT ANGLE DUAL ROW HEADER (MATE-FIRST/BREAK-LAST) molex | | | |
| | | 1 PLACE ± 0.38 ± --- | | | | | |
| | | 0 PLACE ± ± | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX. INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |

| 13 | 12 | | 11 | | | 10 | | | | 9 | | | 8 | | | 7 | | | 6 | | | 5 | | | 4 | | 3 | 2 | | 1 |
|------------|-----------|----------------------------|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|
| ITEM NO. | CKT. SIZE | CHARACTERISTIC DESCRIPTION | LETTER INDICATES PIN PLATING AND LENGTH REQUIRED AT EACH CIRCUIT LOCATION, SEE NOTE 2 ON SHEET 1. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | | | | |
| 44499-0005 | 24 | 24BC | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | | |
| 44499-0006 | 04 | 04BC | CS | CM | CM | CS | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 44499-0027 | 10 | 10BD | DS | DM | DM | DM | DM | DM | DM | DM | DM | DM | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 44499-0029 | 24 | 24BD | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | |
| 44499-0036 | 24 | 24BD | DS | DS | DM | DM | DS | DS | DM | DS | DS | DS | DS | DS | DS | DM | DM | DM | DS | DS | DS | DS | DS | DS | DM | DS | DS | DS | | |
| 44499-0041 | 14 | 14AD | DS | DS | DS | V | DS | DS | DS | DM | DS | DS | V | DS | DS | DM | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 44499-0042 | 10 | 10BC | CS | CS | CS | CS | CS | CS | CS | CS | CM | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 44499-0049 | 24 | 24AD | DM | DM | DM | DM | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | | |
| 44499-0055 | 10 | 10BC | CS | CM | CM | CM | CM | CM | CM | CM | CM | CM | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 44499-0061 | 06 | 06BD | DM | DM | DM | DM | DM | DM | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 44499-0065 | 24 | 24BC | CS | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | DS | CM | CM | CM | CM | CM | CM | CM | CM | CM | CS | CM | | |
| 44499-0066 | 18 | 18BD | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DM | DS | DS | DS | DM | - | - | - | - | - | - | - | - | | |
| 44499-0073 | 06 | 06BC | CS | CM | CM | CM | CM | CM | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 44499-0075 | 18 | 18AD | DM | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DM | - | - | - | - | - | - | - | - | | |
| 44499-0078 | 18 | 18BC | CS | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | - | - | - | - | - | - | - | - | - | |
| 44499-0089 | 10 | 10BC | CS | CS | CM | CS | CS | CM | CM | CM | CM | CS | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 44499-0090 | 24 | 24BD | DS | DS | DM | DM | DM | DS | DS | DS | DS | DM | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DM | DM | DS | DS | | |
| 44499-0092 | 04 | 04BD | DS | DM | DM | DS | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 44499-0093 | 04 | 04BC | CS | CM | CM | CS | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 44499-0094 | 18 | 18BC | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CS | CM | - | - | - | - | - | - | - | | |
| 44499-0095 | 18 | 18BC | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CS | CM | CM | CM | CM | CM | CM | CM | - | - | - | - | - | - | - | - | | |
| 44499-0096 | 24 | 24AD | DM | DM | V | DM | DM | V | DM | DM | DM | DM | DM | DM | DM | V | DM | DM | V | DM | DM | DM | DM | DM | DM | DM | DM | DM | | |
| 44499-0097 | 14 | 14BC | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CS | - | - | - | - | - | - | - | - | - | - | - | | |
| 44499-0099 | 24 | 24BC | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CS | | |
| 44499-0100 | 24 | 24BC | CS | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CS | CM | CS | CM | CS | CM | CS | CM | CS | CM | CS | CM | | |
| 44499-0101 | 14 | 14BC | CM | CS | CM | CM | CS | CM | CM | CM | CM | CM | CM | CM | CM | CM | CS | - | - | - | - | - | - | - | - | - | - | - | | |
| 44499-0102 | 24 | 24BC | CM | CM | CS | CS | CS | CS | CS | CS | CS | CS | CM | CM | CM | CM | CS | CS | CS | CS | CS | CS | CS | CS | CM | CM | CM | CM | | |
| 44499-0103 | 24 | 24AD | DM | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DM | | |
| 44499-0104 | 24 | 24BC | CM | CS | CM | CS | CM | CS | CM | CS | CM | CS | CM | CS | CM | CS | CM | CS | CM | CM | CM | CM | CM | CM | CS | CM | CM | CM | | |
| 44499-0105 | 16 | 16BC | CM | CS | CS | CS | CS | CS | CS | CS | CS | CS | CS | CS | CS | CM | CS | - | - | - | - | - | - | - | - | - | - | - | | |
| 44499-0106 | 08 | 08BC | CS | CS | CM | CS | CS | CS | CM | CS | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 44499-0107 | 24 | 24AD | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | |
| 44499-0108 | 14 | 14BC | CS | CS | CS | CS | CS | CS | CS | CM | CS | CS | CS | CS | CS | CS | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 44499-0109 | 24 | 24BC | CM | CS | CS | CM | CS | CS | CS | CS | CS | CS | CS | CS | CM | CS | CS | CM | CS | CS | CS | CS | CS | CS | CS | CS | CS | CS | | |
| 44499-0111 | 06 | 06BC | CM | CS | CS | CM | CS | CS | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 44499-0112 | 24 | 24BC | CS | CM | CM | CS | CS | CS | CS | CS | CS | CS | CS | CS | CS | CM | CM | CS | CS | CS | CS | CS | CS | CS | CS | CS | CS | CS | | |

CHARACTERISTICS LEGEND:

CIRCUIT SIZE (O2-24) ***

HOUSING MATERIAL

A = NYLON 6/6, U.L. 94V-2, COLOR: NATURAL
 B = NYLON 6/6, U.L. 94V-0, COLOR: NATURAL

TERMINAL PLATING ***

C = SELECT GOLD
 D = MATTE TIN OVERALL
 * = MIXED TIN AND GOLD

TERMINAL PLATING AND LENGTH CODE
 CS = SELECT GOLD, STANDARD LENGTH
 DS = MATTE TIN, STANDARD LENGTH
 CM = SELECT GOLD, MATE-FIRST/BREAK-LAST (LONGER)
 DM = MATTE TIN, MATE-FIRST/BREAK-LAST (LONGER)
 V = VOID CIRCUIT

QUALITY SYMBOLS
 ▽ = 0
 ▽ = 0
 ▽ = 0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | | mm | INCH |
|----------|---|------|-------|
| 4 PLACES | ± | --- | ±--- |
| 3 PLACES | ± | --- | ±.010 |
| 2 PLACES | ± | 0.25 | ±.015 |
| 1 PLACE | ± | 0.38 | ±--- |
| 0 PLACE | ± | | ± |

ANGULAR ±1/2°
 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
 IN/MM

DRAWN BY: AFG DATE: 1994/09/13
 CHECKED BY: RJF DATE: 1994/09/13
 APPROVED BY: FSMITH DATE: 2011/08/03

SCALE 1:1
 DESIGN UNITS METRIC
 THIRD ANGLE PROJECTION

TITLE
**SELECTIVELY-LOADED
 RT ANGLE DUAL ROW HEADER
 (MATE-FIRST/BREAK-LAST)**

molex

MATERIAL NO. SEE CHART
 DOCUMENT NO. SDA-44499-*
 SHEET NO. 2 OF 3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SEE SHEET 1
 EC NO: UCP2015-3172 2015/02/05
 DRWNG: B 2015/02/05
 CHKD: JBEI 2015/02/18
 APPR: FSMITH 2015/02/18

D17 REV

| ITEM NO. | CKT. SIZE | CHARACTERISTIC DESCRIPTION | LETTER INDICATES PIN PLATING AND LENGTH REQUIRED AT EACH CIRCUIT LOCATION, SEE NOTE 2 ON SHEET 1. | | | | | | | | | | | | | | | | | | | | | | | |
|------------|-----------|----------------------------|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 44499-0113 | 24 | 24BD | DS | V | DS | V | DS | V | DS | V | V | DS | DS | DS | V | DS | V | DS | V | DS | V | V | DS | DS | DS | |
| 44499-0114 | 14 | 14BD | DS | V | DS | V | DS | V | DS | DS | V | DS | V | DS | - | - | - | - | - | - | - | - | - | - | - | |
| 44499-0115 | 18 | 18BD | DS | V | V | DS | V | V | DS | DS | DS | DS | V | V | DS | V | V | DS | DS | DS | - | - | - | - | - | |
| 44499-0116 | 04 | 04BD | DS | DS | DM | DM | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 44499-0117 | 10 | 10BD | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 44499-0118 | 14 | 14BD | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | DM | - | - | - | - | - | - | - | - | - | | |
| 44499-0119 | 14 | 14BC | CM | CM | CM | CM | CS | CM | CS | CM | CM | CM | CM | CM | CS | - | - | - | - | - | - | - | - | - | | |
| 44499-0120 | 14 | 14BC | CM | CM | CM | CM | CS | CM | CM | CM | CM | CM | CM | CS | CM | CM | - | - | - | - | - | - | - | - | | |
| 44499-0121 | 10 | 10BC | CM | CS | CS | CS | CS | CM | CS | CS | CS | CS | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 44499-0122 | 18 | 18BC | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CS | CS | CM | CM | CM | CM | CM | - | - | - | - | - | |
| 44499-0123 | 10 | 10BD | DS | V | DS | V | DS | DS | V | DS | V | DS | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 44499-0124 | 14 | 14BC | CM | CM | CM | CM | CM | CM | CM | CM | CS | CM | CM | CS | CM | CM | - | - | - | - | - | - | - | - | | |
| 44499-0125 | 14 | 14BC | CM | CM | CM | CM | CS | CM | CM | CM | CS | CM | CM | CM | CM | - | - | - | - | - | - | - | - | - | | |
| 44499-0126 | 14 | 14BC | CM | CM | CM | CM | CS | CM | CM | CM | CM | CM | CS | CS | CM | CM | - | - | - | - | - | - | - | - | | |
| 44499-0127 | 18 | 18BD | DM | DM | DM | DM | DM | DS | DS | DM | DS | DM | DM | DM | DM | DM | DM | DM | DM | - | - | - | - | - | | |
| 44499-0128 | 14 | 14BC | CM | CM | CM | CS | CS | CM | CS | CM | CM | CM | CS | CM | CM | CS | - | - | - | - | - | - | - | - | | |
| 44499-0129 | 14 | 14BD | DM | DM | DM | DS | DS | DM | DS | DM | DM | DM | DS | DS | DM | DS | - | - | - | - | - | - | - | - | | |

CHARACTERISTICS LEGEND:

CIRCUIT SIZE (02-24) **** * ***

HOUSING MATERIAL **** * ***

A = NYLON 6/6, U.L. 94V-2, COLOR: NATURAL
 B = NYLON 6/6, U.L. 94V-0, COLOR: NATURAL

TERMINAL PLATING **** * ***

C = SELECT GOLD
 D = MATTE TIN OVERALL
 * = MIXED TIN AND GOLD

TERMINAL PLATING AND LENGTH CODE

CS = SELECT GOLD, STANDARD LENGTH
 DS = MATTE TIN, STANDARD LENGTH
 CM = SELECT GOLD, MATE-FIRST/BREAK-LAST (LONGER)
 DM = MATTE TIN, MATE-FIRST/BREAK-LAST (LONGER)
 V = VOID CIRCUIT

| | | | | | | |
|---|--|---------------------------------------|--|---|--------------|------------------------|
| SEE SHEET 1 EC NO: UCP2015-3172 DRWNG: 2015/02/05 CHKD: J.BELL 2015/02/05 APPR: F.SMITH 2015/02/18 REV: | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | ▽=0 | mm INCH | IN/MM | 1:1 | METRIC | ☉ |
| | ▽=0 | 4 PLACES ± --- ± --- | DRAWN BY DATE | TITLE | | |
| | ▽=0 | 3 PLACES ± --- ±.010 | AFG 1994/09/13 | SELECTIVELY-LOADED RT ANGLE DUAL ROW HEADER (MATE-FIRST/BREAK-LAST) | | |
| | 2 PLACES ±0.25 ±.015 | CHECKED BY DATE | molex | | | |
| | 1 PLACE ±0.38 ± --- | RJF 1994/09/13 | SDA-44499-* | | | |
| | 0 PLACE ± ± | APPROVED BY DATE | SHEET NO. 3 OF 3 | | | |
| | ANGULAR ±1/2° | F.SMITH 2011/08/03 | INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | MATERIAL NO. | DOCUMENT NO. | | | |
| | | SEE CHART | | | | |

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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Электронная почта: ocean@oceanchips.ru

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