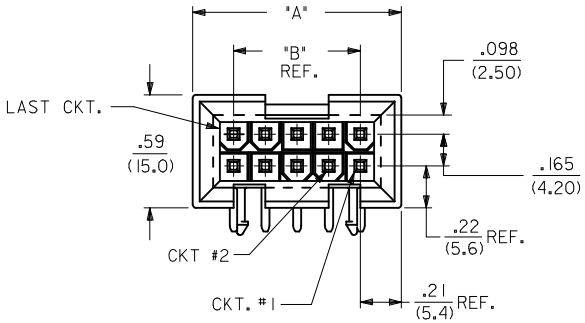
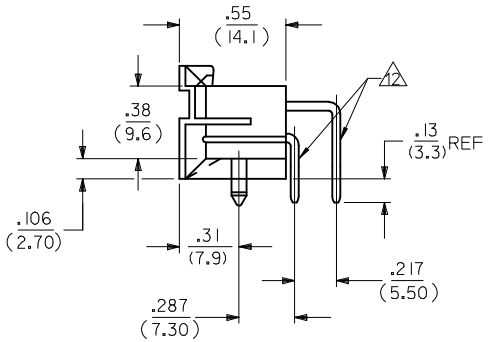
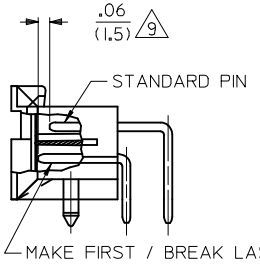
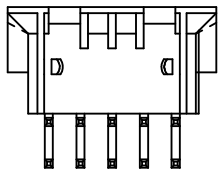
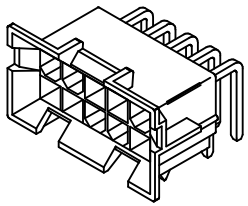
| CIRCUIT SIZE | DIM. "A" | DIM. "B" |
|---|---|---|
| 2 | —— | —— |
| 4 | .59 (15.0) | .165 (4.20) |
| 6 | .76 (19.2) | .331 (8.40) |
| 8 | .92 (23.4) | .496 (12.60) |
| 10 | 1.09 (27.6) | .661 (16.80) |
| 12 | 1.25 (31.8) | .827 (21.00) |
| 14 | 1.42 (36.0) | .992 (25.20) |
| 16 | 1.58 (40.2) | 1.157 (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) |



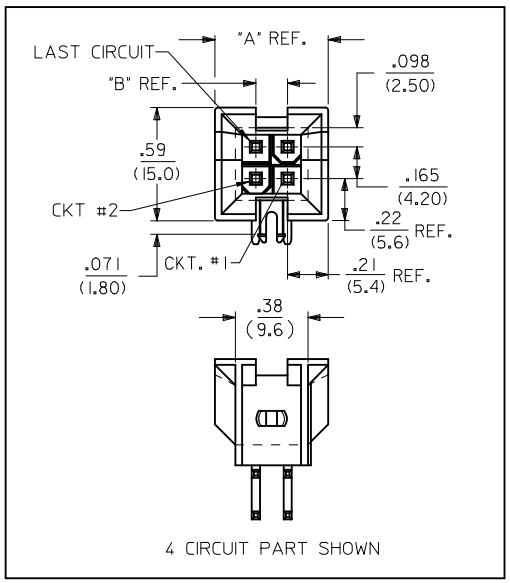



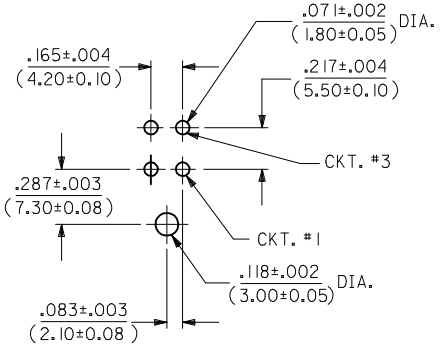





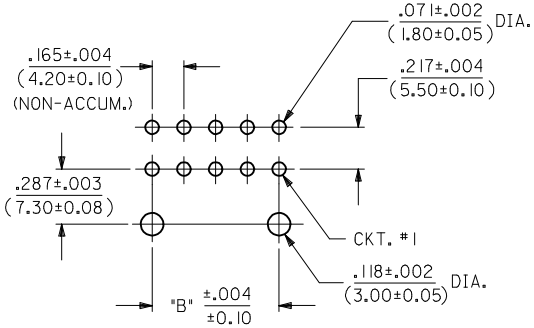
A-44499-*




4 CIRCUIT PART SHOWN




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.
12 FORMING MARKS ARE ACCEPTABLE

ADD 44499-0066 2015/02/05
EC NO: UCP2015-3172 2015/02/05
DRWN:GB
CH'KD:JBELL
APPR:FSMITH 2015/02/18
DESCRIPTION
D17
REV

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
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

| | |
|---|---|
| DRAWN BY | AFG |
| DATE | 1994/09/13 |
| CHECKED BY | RJF |
| DATE | 1994/09/13 |
| APPROVED BY | FSMITH |
| DATE | 2011/08/03 |
| MATERIAL NO. | SEE CHART |

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

molex

DOCUMENT NO. SDA-44499-*
SHEET NO. 1 OF 3

SIZE C

| 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 | CS | 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 |
| 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 | DM | 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 | 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 |
| 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 | 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 | DM | DS | DS | DS | DS | DS | DM | DM | 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 | 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 | DM | V | DM | DM | V | DM | DM | DM | DM | DM | DM |
| 44499-0097 | 14 | 14BC | 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 | CS |
| 44499-0100 | 24 | 24BC | CS | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CM | CS | CM | CS | CM | CS | CM | CS | CM | CS | CM | CS |
| 44499-0101 | 14 | 14BC | CM | CS | CM | CM | CS | 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 |
| 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 | DM |
| 44499-0104 | 24 | 24BC | CM | CS | CM | CS | CM | CS | CM | CS | CM | CS | CM | CS | CS | CS | CM | CM | CS | CM | CM | CM | CM | CS | CM | CM |
| 44499-0105 | 16 | 16BC | CM | CS | 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 |
| 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 |
| 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 |

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 2015/02/05
DRWN:GB 2015/02/05
CHKD:JBELL
APPR:FSMITH 2015/02/18
DESCRIPTION
D17
REV

QUALITY SYMBOLS
E =0
E =0
E =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
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

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

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
SIZE: C

| 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 | 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 | 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 | DM | - | - | - | - | - | - | - | - | - | - |
| 44499-0119 | 14 | 14BC | CM | CM | CM | CM | CS | CM | CS | CM | 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 | 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 | 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 2015/02/05
DRWN:GB 2015/02/05
CHKD:JBELL
APPR:FSMITH 2015/02/18
DESCRIPTION
D17
REV

QUALITY SYMBOLS

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
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

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

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

molex

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-44499-*
SHEET NO.: 3 OF 3
SIZE: C

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

**Данный компонент на территории Российской Федерации**

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

http://moschip.ru/get-element

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

**Офис по работе с юридическими лицами:**

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Факс: +7 495 668-12-70 (доб.304)

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moschip.ru_9