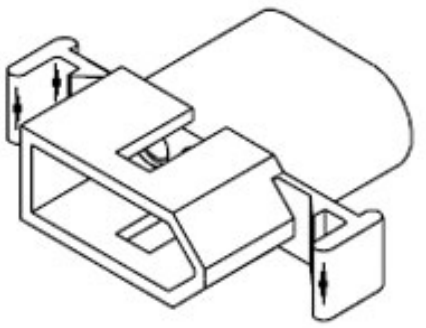
This document was generated on 06/07/2010

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** 0003092031
**Status:** Active
**Overview:** standard_093
**Description:** 2.36mm (.093") Diameter Standard .093 Pin and Socket Plug Housing, 3 Circuits, Single Row



*Series image - Reference only*

**Documents:**

- 3D Model
- Packaging Specification (PDF)
- Drawing (PDF)
- Product Specification PS-02-09 (PDF)
- Product Specification PS-1396-002 (PDF)
- Product Specification PS-42477 (PDF)
- Product Specification PS-43660-9999 (PDF)
- RoHS Certificate of Compliance (PDF)

## Agency Certification

| | |
|---|---|
| CSA | LR19980 |
| UL | E29179 |

## General

| | |
|---|---|
| Product Family | Crimp Housings |
| Series | 1396 |
| Comments | 17.0A max. can be achieved when housing is used with 42477 or 42478 terminals |
| MolexKits | Yes |
| Overview | standard_093 |
| Product Name | Standard .093" |

## Physical

| | |
|---|---|
| Circuits (maximum) | 3 |
| Flammability | 94V-2 |
| Gender | Dual |
| Glow-Wire Compliant | No |
| Lock to Mating Part | Yes |
| Number of Rows | 1 |
| Packaging Type | Bag |
| Panel Mount | Yes |
| Pitch - Mating Interface (in) | 0.198 In |
| Pitch - Mating Interface (mm) | 5.03 mm |
| Stackable | No |
| Temperature Range - Operating | -40°C to +105°C |

## Electrical

| | |
|---|---|
| Current - Maximum per Contact | 14A |

## Material Info

| | |
|---|---|
| Old Part Number | 1396-P |

## Reference - Drawing Numbers

| | |
|---|---|
| Packaging Specification | PK-1396-001 |
| Product Specification | PS-02-09, PS-1396-002, PS-42477, PS-43660-9999 |
| Sales Drawing | SD-1396-*, SD-1396-002 |

**EU RoHS**
**ELV and RoHS Compliant**
**REACH SVHC**
**Contains SVHC: No**
**Halogen-Free Status**
**Halogen-Free**

**China RoHS**

**Need more information on product environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

**Search Parts in this Series**
1396Series

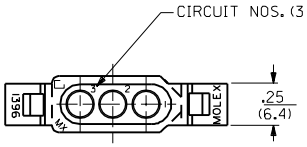
**Mates With**
1396r

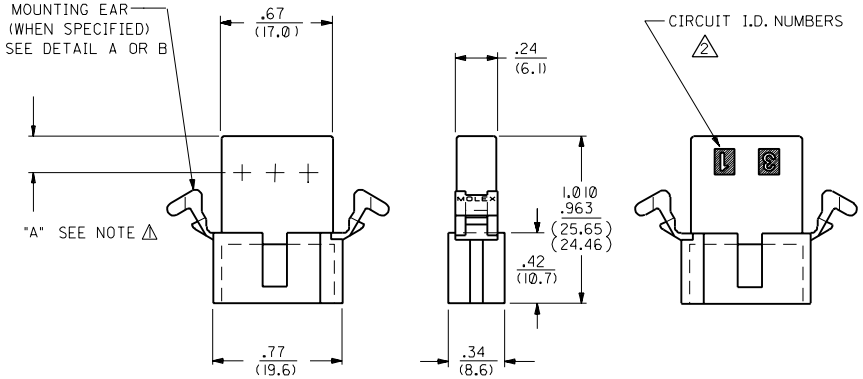
**Use With**
1189 Crimp Terminals, 1190 Crimp Terminals, 1376 Male PC Tail Terminals, 1377 Female PC Tail Terminals, 1380 Male Crimp Terminals, 1381 Female Crimp Terminals, 1433 Crimp Terminals, 1434 Male Crimp Terminals, 1973 , 2151 , 2273 , 2870 , 2871 , 4272 , 4550 , 6271 , 6310 , 42477 , 42478

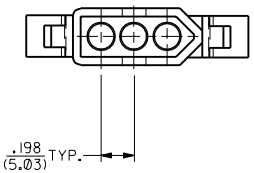
This document was generated on 06/07/2010

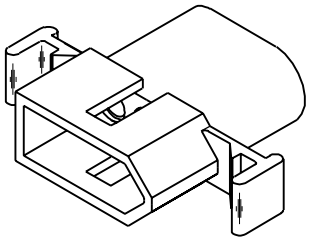
**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

# PLUG



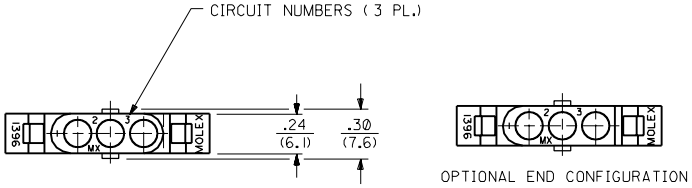



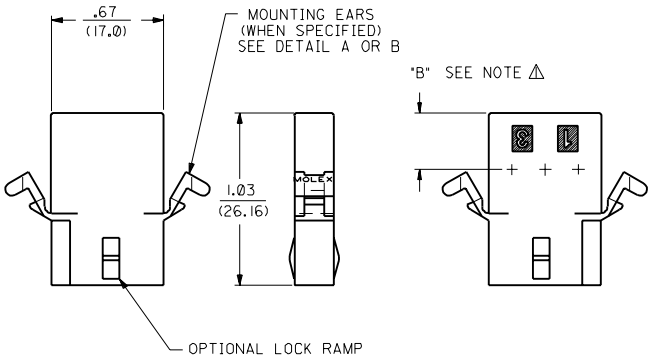



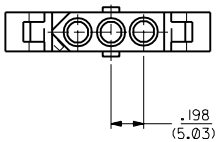



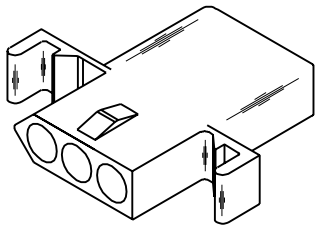
SHOWN ABOVE WITH STANDARD MOUNTING EAR

# RECEPTACLE



SHOWN WITH STANDARD EAR

| LTR. | REV. | SH. | MFG. | REVISIONS |
|---|---|---|---|---|
| Y3 | | | | REVISED PER UCR2000-0583 3/1/00 DDS |
| Y2 | | | | REMOVE -R3, -R5 VER. PER ECN #U6 1479 6-10-96 RW |
| Y1 | | | | X-REMOVE 1396-R4 ECR U3 1583 GC 10/26/93 RW |
| Y | | | | ADD CKT. I.D. #'S PER ECR U3 0683 GC 5/4/93 RW |
| X | | | | REV MAT'L SPECS. ECR U2-1491 10-08-92 A.GUZIK |
| W1 | | | | ADD -D VERSIONS. ECR U1 1106 GC 7/25/91 RW |
| W | 2 | Y2 | | REVISE ON CAD ECR #U8 1381 JJS 4-24-88 RW |
| | 1 | Y3 | | |

NOTES:
⚠ DIMENSION FROM THE BACK OF HOUSING TO THE END OF THE BRUSH ON THE WIRE INSERTED INTO THE HOUSING
DIM "A"= .256/6.50 FOR 42477 & 42478 TERMINALS
.216/5.49 FOR ALL OTHER .093 TERMINALS
DIM "B"= .377/9.58 FOR 42477 & 42478 TERMINALS
.337/8.56 FOR ALL OTHER .093 TERMINALS

DIMENSIONS SHOWN (METRIC) INCH
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°

| | INCH | METRIC |
|---|---|---|
| 3 PLACE | ± .010 | --- |
| 2 PLACE | ± .014 | ± 0.25 |
| 1 PLACE | --- | ± 0.36 |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DRWG. BY JJS | CHK'D. BY RW | APP'D. BY RAS | SCALE 2 : 1

▽ = .0 ▼ = .0 REVISE ONLY ON CAD SYSTEM

TITLE: .093/(2.36) HOUSING, PLUG & RECEPTACLE 3 CIRCUIT, .198/(5.03) ℄

molex MOLEX INCORPORATED LISLE,ILL. 60532 U.S.A. | SHEET NO. 1 of 2 | DATE 4/ 3/88

PART NO. SEE SHEET 2 | DRWG. NO. SD-1396-•

FILE NAME S1396X1.DGN

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

DIV. CP | SIZE C

| PLUG | | RECEPTACLE | |
|---|---|---|---|
| ORDER NO. | ENG. NO. | ORDER NO. | ENG. NO. |
| 03-09-2031 | 1396-P | 03-09-1031 | 1396-R |
| 03-09-2032 | 1396-P1 | 03-09-1032 | 1396-R1 |
| 03-09-7032 | 1396-P1BK | 03-09-1033 | 1396-R2 |
| 03-09-7031 | 1396-PBK | 03-09-6033 | 1396-R2BK |
| PRELIMINARY | 1396-P-B | 03-09-6032 | 1396-R1BK |
| | | 03-09-6031 | 1396-RBK |
| | | PRELIMINARY | 1396-R-B |
| | | PRELIMINARY | 1396-R1-B |
| | | 03-09-1081 | 1396-R4 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

LEGEND:

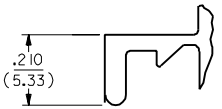
1396-****-*

P = PLUG
R = RECEPTACLE

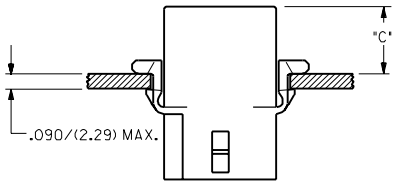
BLANK = WITH STANDARD EARS
1 = WITHOUT EARS
2 = RECEPTACLE WITHOUT EARS, WITHOUT LOCK RAMPS
3 = PLUG ONLY, W/ SIDE MOUNT (SEE SD-1396-P3)
4 = WITH PREBENT EARS

COLOR: BLANK=NATURAL COLOR
AM=AMBER BK=BLACK BU=BLUE
BN=BROWN GY=GRAY GN=GREEN
OR=ORANGE RD=RED YW=YELLOW

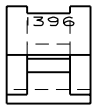
BLANK = NYLON 6/6, 94V-2
B = NYLON TYPE 6/6, 94V-2, UV STABILIZED

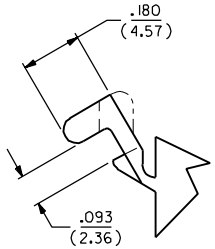



DETAIL A
STANDARD MOUNTING EAR
(SCALE 4:1)




RECOMMENDED PANEL MOUNTING HOLE




DETAIL B
PREBENT MOUNTING EAR
(SCALE 4:1)

| HOUSING | DIM. "A" | DIM. "B" | "C" PREBENT EAR | "C" STANDARD EAR |
|---|---|---|---|---|
| PLUG | .933/(23.70) | .375/(9.53) | .40/(10.2) | .38/(9.7) |
| RECEPT. | .830/(21.08) | .312/(7.92) | .41/(10.4) | .39/(9.9) |

NOTES:

1. MOLEX PRODUCT SPEC 02-09 APPLIES.
2. CIRCUIT I.D. NUMBERS ON SIDE OF HOUSING APPEAR ON PARTS FROM TOOLS BUILT AFTER 5/4/93.

| LTR. | REVISIONS | LTR. | REVISIONS |
|---|---|---|---|
| | | Y2 | SEE SHEET 1 |
| | | Y1 | SEE SHEET 1 |
| | | Y | SEE SHEET 1 |
| | | X | SEE SHEET 1 |
| | | W1 | SEE SHEET 1 |
| | | W | SEE SHEET 1 |

DIMENSIONS SHOWN (METRIC) INCH
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°

| | INCH | METRIC |
|---|---|---|
| 3 PLACE | ± .010 | --- |
| 2 PLACE | ± .014 | ± 0.25 |
| 1 PLACE | --- | ± 0.35 |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DRWG. BY JJS | CHK'D. BY RW | APP'D. BY RAS | SCALE :

▽ = 0 ▼ = 0 REVISE ONLY ON CAD SYSTEM

TITLE
.093/(2.36) HOUSINGS
PLUG & RECEPTACLE
3 CIRCUIT, .198/(5.03)℄

molex MOLEX INCORPORATED LISLE,ILL. 60532 U.S.A.

SHEET NO. 2 | DATE 4/8/88

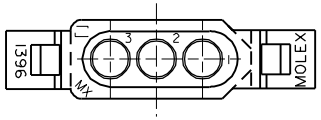
PART NO. SEE CHART | DRWG. NO. SD-1396-*

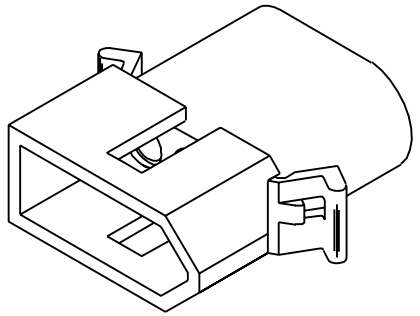
FILE NAME S1396X2.DGN

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DIV. CP | SIZE C

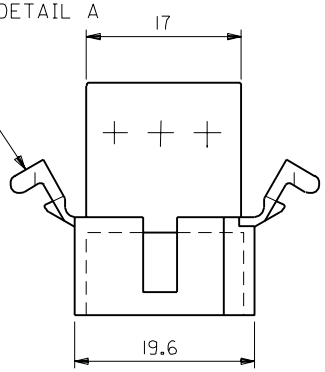
1396

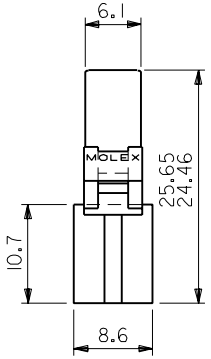


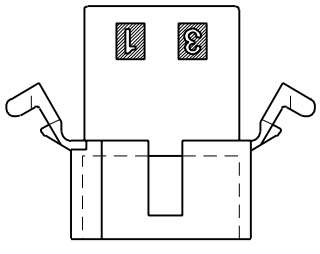



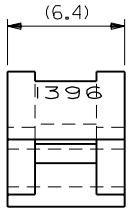
PLUG

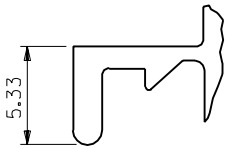
MT'G EARS (表参照)
参照 DETAIL A



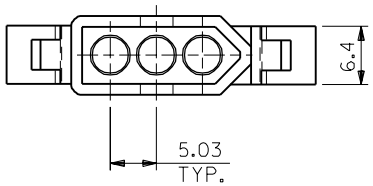



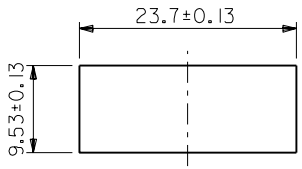






DETAIL A
(SCALE 4:1)




パネル取付穴寸法
(パネル厚 2.29最大)

| | | |
|---|---|---|
| 1396P1 | 03-09-2032 | 無 WITHOUT |
| 1396P | 03-09-2031 | 有 WITH |
| ENG. NO. | EDP NO. | MT'G EARS |

DWG. NO. SD-1396-002

DO NOT SCALE DRAWING

| | | | | | |
|---|---|---|---|---|---|
| EC NO. DRWN: CH'K: APPR: | EC NO. DRWN: CH'K: APPR: | EC NO. DRWN: CH'K: APPR: | EC NO. DRWN: CH'K: APPR: | RELEASED EC NO. JC2001-0078 DRWN: K.KOHAMA '00/08/28 CH'K: T.YAMAGUCHI APPR: M.FUKUSHIMA | DESCRIPTION |
| | | | | 0 | REV |

MATERIAL 材料: NYLON66 94V-2
FINISH 仕上げ:
WIRE RANGE 適用電線範囲:
INS. RANGE 被覆外径:

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差

| | |
|---|---|
| 10 UNDER 未満 | ±0.25 ~~±0.2~~ |
| 10 OVER 以上 30 UNDER 未満 | ±0.3 ~~±0.25~~ |
| 30 OVER 以上 | ±0.35 ~~±0.3~~ |
| ANGLE 角度 | ±3° |

SCALE 2 : 1
DESIGN UNITS ☒mm ☐INCH
THIRD ANGLE PROJECTION
DIMENSIONS: ☐mm/INCH ☐INCH/mm ☒mm ONLY
SHT REV
REVISE ON CAD ONLY

DRAWN BY & DATE K.KOHAMA '00/08/28
CHECKED BY & DATE T.YAMAGUCHI '00/08/28
APPROVED BY & DATE M.FUKUSHIMA '00/08/28
CAD FILENAME 1396002.S01

TITLE: 3 CIRCUITS PLUG HSG (0.093 DIA TERMINAL)

molex MOLEX INCORPORATED

MATERIAL NO. SEE NOTES
DRAWING NO. SD-1396-002
SHEET NO. 1 OF 1

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SIZE B

1396002.S01

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Благодаря этому наша компания предлагает к поставке практически не ограниченный ассортимент компонентов как оптовыми, мелкооптовыми партиями, так и в розницу.

Благодаря развитой сети поставщиков, помогаем в поиске и приобретении экзотичных или снятых с производства компонентов.

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- Минимальные сроки поставок
- Техническая поддержка
- Подбор комплектации
- Индивидуальный подход
- Гибкое ценообразование
- Работаем по 275 ФЗ

ООО «НИОКР СИТЕМС»
Москва, 125362, Россия, ул. Вишневая, д. 9, к. 1, Блок 104 а и 104 в

Телефон: 8 (495) 268-14-82
Email: n@nsistems.ru

ИНН: 7735154786
ОГРН: 1167746717709