

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION

**Part Number:** [1300060192](#)  
**Status:** **Active**  
**Overview:** [minichange\\_products](#)  
**Description:** Mini-Change® A-Size Single-Ended Cordset, Straight Male to Pigtail, 2 Poles, 0.91m (3.0' ) Length, Cable Type STOOW

**Documents:**  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR6837  
UL E152210

**General**

Product Family Industrial Cordsets  
Series [130006](#)  
Comments A-Size (7/8" - 16 UN-2B)  
Connector End A Mini-Change®  
Connector End B Pigtail  
IP Rating IP67  
NEMA Rating NEMA 6  
Overview [minichange\\_products](#)  
Product Name Mini-Change®  
Type Single Ended

**Physical**

Cable Diameter 9.40mm (.370")  
Cable Length 0.91m (3.0' )  
Color - Cable Jacket Yellow  
Coupling Style Threaded  
Gender Male-Pigtail  
Keyway Single  
LED Indicator No  
Material - Cable Jacket PVC  
Material - Connector Body PVC  
Material - Contact Brass  
Material - Coupling Nut Black Epoxy Coated Zinc  
Material - Plating Mating Gold  
Orientation 90° to Straight  
Poles 2  
Temperature Range - Operating -20°C to +105°C  
Wire Size AWG 16  
Wire/Cable Type STOOW

**Electrical**

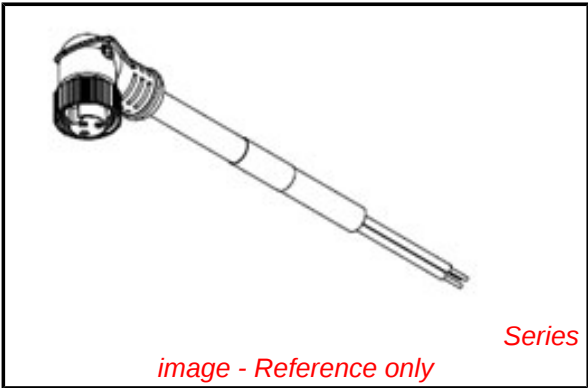
Current - Maximum per Contact 13A  
Voltage - Maximum 600V

**Material Info**

Old Part Number 102003A01F030

**Reference - Drawing Numbers**

Sales Drawing SD-130006-035



**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
**Not Reviewed**  
**Halogen-Free**  
**Status**  
**Not Reviewed**

**China RoHS**

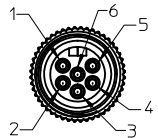
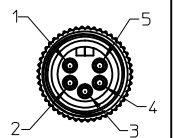
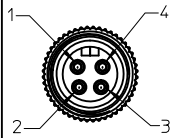
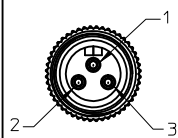
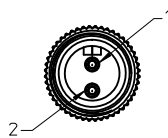


**Need more information on product environmental compliance?**  
  
Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)  
  
Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**  
[130006Series](#)

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## FRONT VIEW - MALE ASSEMBLY



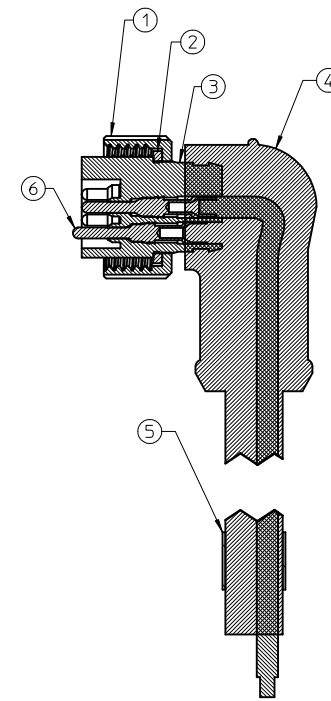
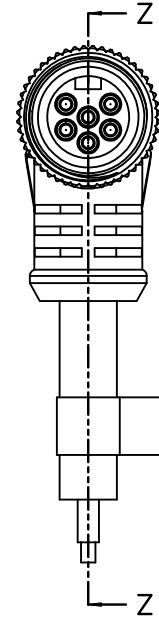
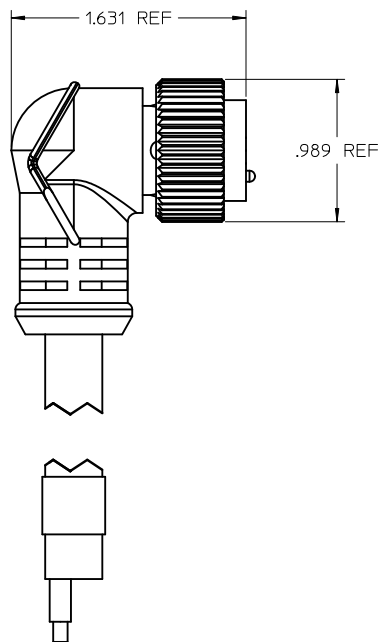
1. WHITE  
2. BLACK

1. GREEN/YELLOW  
2. BLACK  
3. WHITE

1. BLACK  
2. WHITE  
3. RED  
4. GREEN/YELLOW

1. WHITE  
2. RED  
3. GREEN/YELLOW  
4. ORANGE  
5. BLACK

1. WHITE  
2. RED  
3. GREEN/YELLOW  
4. ORANGE  
5. BLACK  
6. BLUE



Section Z-Z

|                                                                                                                        |             |                                   |                                                      |       |       |                                                                                                                               |                    |                                     |                                                               |                                                                                                              |  |                     |  |  |
|------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------|------------------------------------------------------|-------|-------|-------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------------------|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--|---------------------|--|--|
| ENTER DESCRIPTION<br>EC NO: WNA2010-0429<br>DRWN: BWOODMAN 2010/01/12<br>CHKD: 2010/01/14<br>APPR: JFMURPHY 2010/01/14 | DESCRIPTION | QUALITY SYMBOLS<br><br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                |       |       | DIMENSION STYLE<br>IN/MM                                                                                                      |                    | SCALE<br>1.5:1                      | DESIGN UNITS<br>INCH                                          |  THIRD ANGLE PROJECTION |  |                     |  |  |
|                                                                                                                        |             |                                   |                                                      | mm    | INCH  | DRAWN BY<br>NKUMAR01                                                                                                          | DATE<br>01/11/2010 | TITLE<br>MC 6P MP<br>90D 16/4 ST00W |                                                               |                                                                                                              |  |                     |  |  |
|                                                                                                                        |             |                                   | 4 PLACES                                             | ± --- | ± --- | CHECKED BY<br>BWOODMAN                                                                                                        | DATE<br>01/11/2010 |                                     |                                                               |                                                                                                              |  |                     |  |  |
|                                                                                                                        |             |                                   | 3 PLACES                                             | ± --- | ± --- | APPROVED BY<br>JFMURPHY                                                                                                       |                    | DATE<br>2010/01/14                  | molex MOLEX INCORPORATED<br><br>DOCUMENT NO.<br>SD-130006-035 |                                                                                                              |  |                     |  |  |
|                                                                                                                        |             |                                   | 2 PLACES                                             | ± --- | ± --- |                                                                                                                               |                    |                                     |                                                               |                                                                                                              |  |                     |  |  |
|                                                                                                                        |             |                                   | 1 PLACE                                              | ± --- | ± --- | MATERIAL NO.<br>9999999999                                                                                                    |                    |                                     |                                                               |                                                                                                              |  | SHEET NO.<br>1 OF 2 |  |  |
|                                                                                                                        |             |                                   | ANGULAR ±1/2°                                        |       |       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |                                     |                                                               |                                                                                                              |  |                     |  |  |
|                                                                                                                        |             |                                   | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |       |       |                                                                                                                               |                    |                                     |                                                               |                                                                                                              |  |                     |  |  |
|                                                                                                                        |             |                                   |                                                      |       |       |                                                                                                                               |                    |                                     |                                                               |                                                                                                              |  |                     |  |  |
|                                                                                                                        |             |                                   |                                                      |       |       |                                                                                                                               |                    |                                     |                                                               |                                                                                                              |  |                     |  |  |
|                                                                                                                        |             |                                   |                                                      |       |       |                                                                                                                               |                    |                                     |                                                               |                                                                                                              |  |                     |  |  |
|                                                                                                                        |             |                                   |                                                      |       |       |                                                                                                                               |                    |                                     |                                                               |                                                                                                              |  |                     |  |  |
|                                                                                                                        |             |                                   |                                                      |       |       |                                                                                                                               |                    |                                     |                                                               |                                                                                                              |  |                     |  |  |
|                                                                                                                        |             |                                   |                                                      |       |       |                                                                                                                               |                    |                                     |                                                               |                                                                                                              |  |                     |  |  |

|   |    |    |    |    |   |   |   |   |   |   |   |   |   |   |
|---|----|----|----|----|---|---|---|---|---|---|---|---|---|---|
|   | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |   |
| J |    |    |    |    |   |   |   |   |   |   |   |   |   | J |
|   |    |    |    |    |   |   |   |   |   |   |   |   |   |   |
|   |    |    |    |    |   |   |   |   |   |   |   |   |   |   |
| I |    |    |    |    |   |   |   |   |   |   |   |   |   | I |
|   |    |    |    |    |   |   |   |   |   |   |   |   |   |   |
| H |    |    |    |    |   |   |   |   |   |   |   |   |   | H |
|   |    |    |    |    |   |   |   |   |   |   |   |   |   |   |
| G |    |    |    |    |   |   |   |   |   |   |   |   |   | G |
|   |    |    |    |    |   |   |   |   |   |   |   |   |   |   |
| F |    |    |    |    |   |   |   |   |   |   |   |   |   | F |
|   |    |    |    |    |   |   |   |   |   |   |   |   |   |   |
| E |    |    |    |    |   |   |   |   |   |   |   |   |   | E |
|   |    |    |    |    |   |   |   |   |   |   |   |   |   |   |
| D |    |    |    |    |   |   |   |   |   |   |   |   |   | D |
|   |    |    |    |    |   |   |   |   |   |   |   |   |   |   |
| C |    |    |    |    |   |   |   |   |   |   |   |   |   | C |
|   |    |    |    |    |   |   |   |   |   |   |   |   |   |   |
| B |    |    |    |    |   |   |   |   |   |   |   |   |   | B |
|   |    |    |    |    |   |   |   |   |   |   |   |   |   |   |
| A |    |    |    |    |   |   |   |   |   |   |   |   |   | A |

|         |                               |              |                |                               |        |        |        |        |
|---------|-------------------------------|--------------|----------------|-------------------------------|--------|--------|--------|--------|
|         |                               |              |                | MINI A SIZE 90° MALE ASSEMBLY |        |        |        |        |
|         |                               |              |                | 2 POLE                        | 3 POLE | 4 POLE | 5 POLE | 6 POLE |
| Sl. No. | DESCRIPTION                   | MATERIAL     | FINISH         | QUANTITY                      |        |        |        |        |
| 1       | COUPLING NUT                  | ZINC DIECAST | BLACK E-COATED | 1                             | 1      | 1      | 1      | 1      |
| 2       | FRICTION RING                 | NYLON        | NATURAL        | 1                             | 1      | 1      | 1      | 1      |
| 3       | 2P MALE INSERT PVC A SIZE     | PVC          | YELLOW         | 1                             |        |        |        |        |
|         | 3P MALE INSERT PVC A SIZE     | PVC          | YELLOW         |                               | 1      |        |        |        |
|         | 4P MALE INSERT PVC A SIZE     | PVC          | YELLOW         |                               |        | 1      |        |        |
|         | 5P MALE INSERT PVC A SIZE     | PVC          | YELLOW         |                               |        |        | 1      |        |
|         | 6P MALE INSERT PVC A SIZE     | PVC          | YELLOW         |                               |        |        |        | 1      |
| 4       | #16 AWG YELLOW STOOV/ST CORD  | PVC JACKET   | YELLOW         | 2                             | 3      | 4      | 5      | 6      |
| 5       | LABEL.WRAP AROUND LABEL-2 x 3 | PLASTIC FILM | BLACK/YELLOW   | 1                             | 1      | 1      | 1      | 1      |
| 6       | PIN CONTACT                   | COPPER ALLOY | GOLD PLATED    | 1                             | 1      | 1      | 1      | 1      |

|            |                     |                     |                |
|------------|---------------------|---------------------|----------------|
| POLE COUNT | MAX. VOLTAGE RATING | MAX. CURRENT RATING | CABLE DIAMETER |
| 2 POLE     | 600 VOLTS           | 13 AMPS             | .37" /9.4mm    |
| 3 POLE     | 600 VOLTS           | 13 AMPS             | .41" /10.4mm   |
| 4 POLE     | 600 VOLTS           | 10 AMPS             | .42" /10.7mm   |
| 5 POLE     | 600 VOLTS           | 8 AMPS              | .50" /12.7mm   |
| 6 POLE     | 600 VOLTS           | 8 AMPS              | .54" /13.7mm   |

|             |               |                                |
|-------------|---------------|--------------------------------|
| PART NUMBER | DESCRIPTION   | FINISHED LENGTH                |
| 1300060192  | 102003A01F030 | 3' +1.75" -0 [.9M + 44.5 -0]   |
| 1300060194  | 102003A01F060 | 6' +2.19" -0 [1.8M + 55.6 -0]  |
| 1300060196  | 102003A01F120 | 12' +3.50" -0 [3.7M +88.9 -0]  |
| 1300060200  | 102003A01F200 | 20' +6.50" -0 [6.1M +165.1 -0] |
| 1300060643  | 103003A01F030 | 3' +1.75" -0 [.9M + 44.5 -0]   |
| 1300060647  | 103003A01F060 | 6' +2.19" -0 [1.8M + 55.6 -0]  |
| 1300060651  | 103003A01F120 | 12' +3.50" -0 [3.7M +88.9 -0]  |
| 1300060657  | 103003A01F200 | 20' +6.50" -0 [6.1M +165.1 -0] |
| 1300061084  | 104003A01F030 | 3' +1.75" -0 [.9M + 44.5 -0]   |
| 1300061087  | 104003A01F060 | 6' +2.19" -0 [1.8M + 55.6 -0]  |
| 1300061090  | 104003A01F120 | 12' +3.50" -0 [3.7M +88.9 -0]  |
| 1300061095  | 104003A01F200 | 20' +6.50" -0 [6.1M +165.1 -0] |
| 1300061516  | 105003A01F030 | 3' +1.75" -0 [.9M + 44.5 -0]   |
| 1300061518  | 105003A01F060 | 6' +2.19" -0 [1.8M + 55.6 -0]  |
| 1300061521  | 105003A01F120 | 12' +3.50" -0 [3.7M +88.9 -0]  |
| 1300061524  | 105003A01F200 | 20' +6.50" -0 [6.1M +165.1 -0] |
| 1300061700  | 106003A01F030 | 3' +1.75" -0 [.9M + 44.5 -0]   |
| 1300061703  | 106003A01F060 | 6' +2.19" -0 [1.8M + 55.6 -0]  |
| 1300061706  | 106003A01F120 | 12' +3.50" -0 [3.7M +88.9 -0]  |
| 1300061713  | 106003A01F200 | 20' +6.50" -0 [6.1M +165.1 -0] |

|                                                                                                                     |                    |                               |                                                      |       |                          |                         |                            |                                     |                                                                                                              |                                                                                                                               |                     |  |  |
|---------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------------|------------------------------------------------------|-------|--------------------------|-------------------------|----------------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|---------------------|--|--|
| ENTER DESCRIPTION<br>EC NO: WNA2010-0429<br>DRWN:BWODMAN 2010/01/12<br>CHKD: 2010/01/14<br>APPR:JFMURPHY 2010/01/14 | DESCRIPTION<br>REV | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                |       | DIMENSION STYLE<br>IN/MM |                         | SCALE<br>3:1               | DESIGN UNITS<br>INCH                |  THIRD ANGLE PROJECTION |                                                                                                                               |                     |  |  |
|                                                                                                                     |                    |                               |                                                      | mm    | INCH                     | DRAWN BY<br>NKUMAR01    | DATE<br>01/11/2010         | TITLE<br>MC 6P MP<br>90D 16/4 STOOV |                                                                                                              |                                                                                                                               |                     |  |  |
|                                                                                                                     |                    |                               | 4 PLACES                                             | ± --- | ± ---                    | CHECKED BY<br>BWOODMAN  | DATE<br>01/11/2010         |                                     |                                                                                                              |                                                                                                                               |                     |  |  |
|                                                                                                                     |                    |                               | 3 PLACES                                             | ± --- | ± ---                    |                         |                            |                                     |                                                                                                              |                                                                                                                               |                     |  |  |
|                                                                                                                     |                    |                               | 2 PLACES                                             | ± --- | ± ---                    |                         |                            |                                     |                                                                                                              |                                                                                                                               |                     |  |  |
|                                                                                                                     |                    |                               | 1 PLACE                                              | ± --- | ± ---                    | APPROVED BY<br>JFMURPHY | DATE<br>2010/01/14         | MOLEX INCORPORATED                  |                                                                                                              |                                                                                                                               |                     |  |  |
|                                                                                                                     |                    |                               | ANGULAR ±1/2°                                        |       |                          |                         | MATERIAL NO.<br>9999999999 |                                     |                                                                                                              | DOCUMENT NO.<br>SD-130006-035                                                                                                 | SHEET NO.<br>2 OF 2 |  |  |
|                                                                                                                     |                    |                               | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |       |                          |                         | SIZE<br>C                  |                                     |                                                                                                              | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                     |  |  |
|                                                                                                                     |                    |                               | 1                                                    |       |                          |                         |                            |                                     |                                                                                                              |                                                                                                                               |                     |  |  |

|                                        |    |    |    |   |   |   |   |   |   |   |   |   |  |
|----------------------------------------|----|----|----|---|---|---|---|---|---|---|---|---|--|
| 1b_frame_C_P_AM_T<br>Rev. E 2006/04/15 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |  |
|----------------------------------------|----|----|----|---|---|---|---|---|---|---|---|---|--|

## 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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