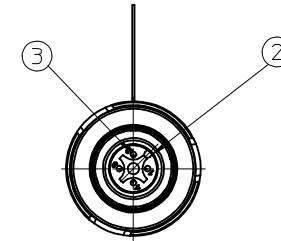
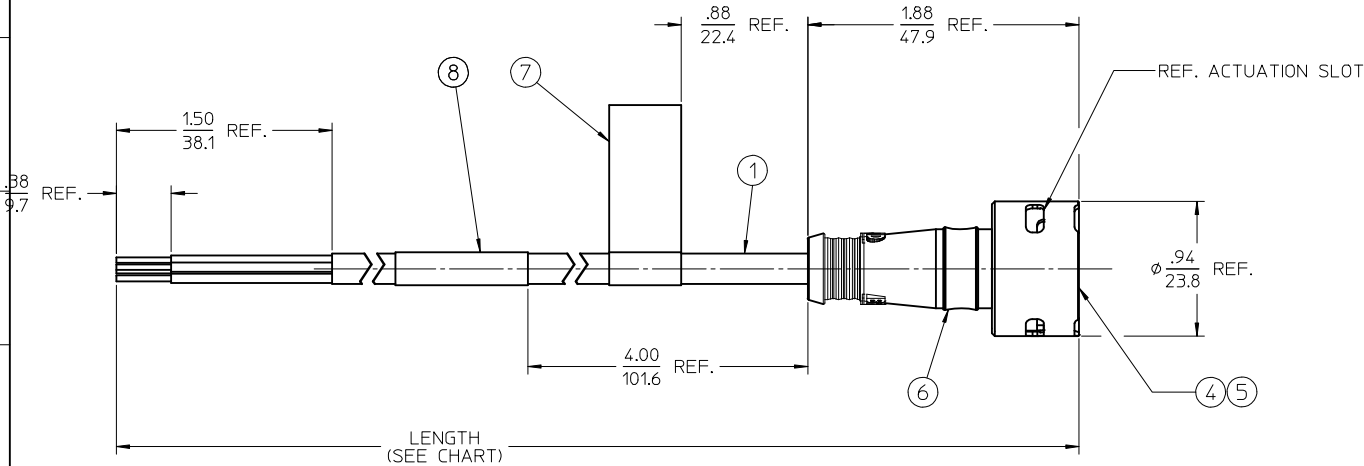
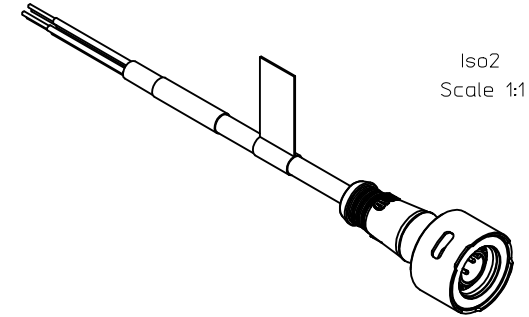


| MATERIAL NO. | ENGINEERING NO. | LENGTH    | POLES |
|--------------|-----------------|-----------|-------|
| 1206142003   | LW04006K03M020  | 78.7 (2M) | 4     |
| 1206142004   | LW05006K03M020  | 78.7 (2M) | 5     |
|              |                 |           |       |
|              |                 |           |       |

NOTICE: THIS PART IS CSA AND FACTORY MUTUAL APPROVED  
NO CHANGES CAN BE MADE TO THE ASSEMBLY, COMPONENTS  
OR SUPPLIER WITHOUT PRIOR APPROVAL FROM CSA AND  
FACTORY MUTUAL.



NOTES:

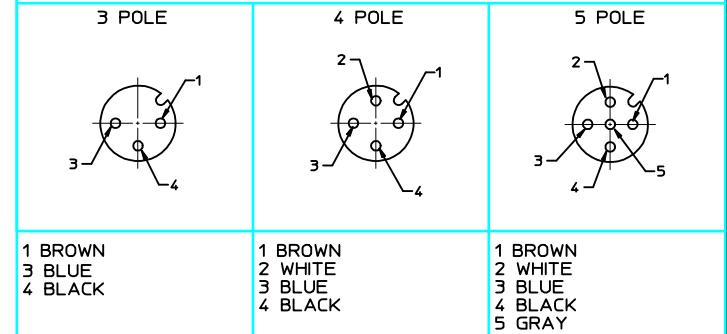
1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. PRODUCT SPECIFICATIONS: PS-120614-001
4. CONTROL DOC: ES-120614-001
5. 3 & 4 POLE ELECTRICAL SPECIFICATIONS:  
VOLTAGE RATING: 125V  
CURRENT RATING: 4 AMPS
6. 5 POLE ELECTRICAL SPECIFICATIONS:  
VOLTAGE RATING: 32V  
CURRENT RATING: 4 AMPS

② LW0X006K03MXXX

SINGLE END  
POLE QTY.  
HEAD STYLE  
CABLE TYPE  
FINISHED LENGTH

REF. XXX = METERS  
EXAMPLE 010= 1M

MALE FACE VIEW



|      |      |                         |              |              |
|------|------|-------------------------|--------------|--------------|
| 8    | 1    | WRAP LABEL              | PLASTIC FILM | BLACK/YELLOW |
| 7    | 1    | FLAG LABEL (WARNING)    | POLYESTER    | BLACK/ORANGE |
| 6    | 1    | OVERMOLD                | TPE          | YELLOW       |
| 5    | 1    | OUTER SLEEVE            | ST. STEEL    | PASSIVATED   |
| 4    | 1    | INNER SLEEVE            | ST. STEEL    | PASSIVATED   |
| 3    | XX   | CONTACT                 | Cu ALLOY     | GOLD PLATED  |
| 2    | 1    | INSERT                  | PUR          | BLACK        |
| 1    | 1    | CABLE, #18 AWG ITC/PLTC | TPE          | YELLOW       |
| ITEM | QTY. | DESCRIPTION             | MATERIAL     | FINISH       |

|                  |                     |            |
|------------------|---------------------|------------|
| ADDED P/N LEGEND | EC NO: IPG2014-0138 | 2013/07/23 |
|                  | DRWR:RSTONE         | 2013/08/01 |
|                  | CHKD:B WOODMAN      | 2013/08/01 |
|                  | APPR:WOODMAN        | 2013/12/30 |
| REV              | DESCRIPTION         |            |

QUALITY SYMBOLS

▽=0

▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

|               | mm    | INCH  |
|---------------|-------|-------|
| 4 PLACES      | ± --- | ± --- |
| 3 PLACES      | ± --- | ± --- |
| 2 PLACES      | ± --- | ± .01 |
| 1 PLACE       | ± 0.3 | ± --- |
| ANGULAR ± 2 ° |       |       |

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DIMENSION STYLE  
IN/MM

|             |            |
|-------------|------------|
| DRAWN BY    | DATE       |
| RSTONE      | 2011/11/21 |
| CHECKED BY  | DATE       |
| L. HARTMANN | 2012/01/27 |
| APPROVED BY | DATE       |
| JFMURPHY    | 2012/04/18 |

SEE CHART

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

SCALE  
1.5:1

DESIGN UNITS  
INCH

THIRD ANGLE PROJECTION

MOLEX

MOLEX INCORPORATED

DOCUMENT NO.

ULTRA-LOCK ZONE 2  
MALE, STRAIGHT  
K03, 18AWG, TPE

SD-120614-013

SHEET NO.

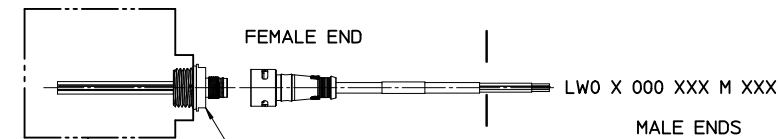
1 OF 1

CLASS 1, DIVISION 2, GROUP A, B, C, OR D  
HAZARDOUS LOCATION

NON-HAZARDOUS LOCATION

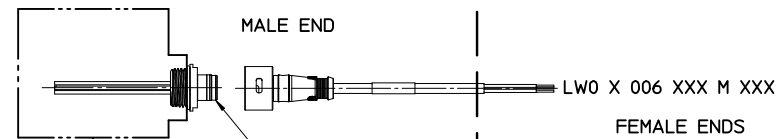
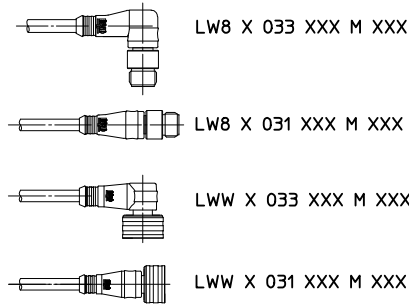
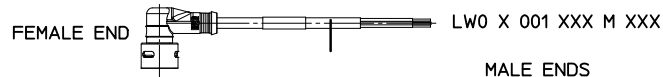
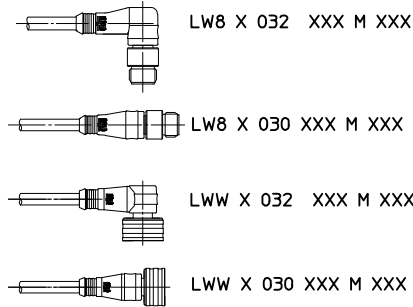
CLASS 1, DIVISION 2, GROUP A, B, C, OR D  
HAZARDOUS LOCATION

NON-HAZARDOUS LOCATION



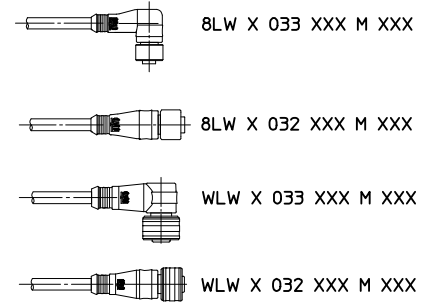
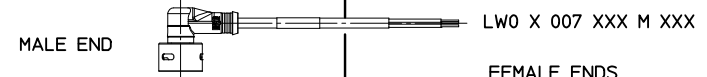
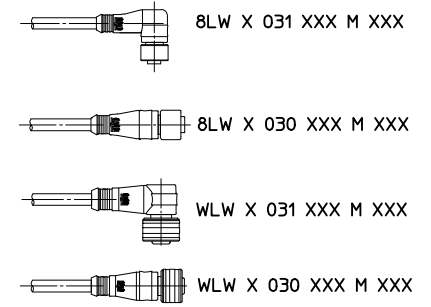
LWR X 006 A18 CXXX  
(MALE 1/2" NPT)  
LWR X A06 A18 CXXX  
(MALE 1/4" NPT)

LW0 X 000 XXX M XXX  
MALE ENDS



LWR X 000 A18 CXXX  
(FEMALE 1/2" NPT)  
LWR X A00 A18 CXXX  
(FEMALE 1/4" NPT)

LW0 X 006 XXX M XXX  
FEMALE ENDS



NOTES:

1. THE INSTALLATION MUST BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC), ANSI/NFPA 70. SPECIFIC REQUIREMENTS FOR THE INSTALLATION OF ITC RATED CABLE MAY BE FOUND IN ARTICLE 501.4(B)(1)(5) AND ARTICLE 727.4
2. THE MOLDED CONSTRUCTION OF THE CORDSET AND GAS/VAPORTIGHT CONTINUOUS SHEATH OF THE CABLE MEET THE REQUIREMENTS OF THE NEC, ARTICLE 501-5(E)(2) FOR CABLE SEALS IN CLASS 1, DIVISION 2

FIELD DEVICE APPROVAL FOR CLASS 1, DIV. 2 OR CLASS 1, ZONE2 INSTALLATIONS

REF. SEE SHEET 3 FOR CONFIGURATION INFORMATION

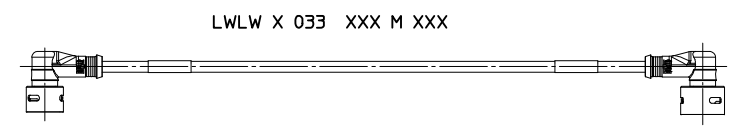
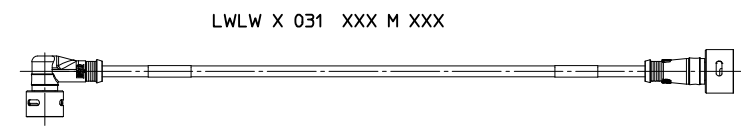
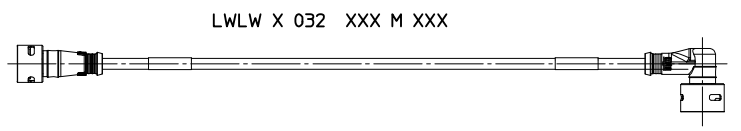
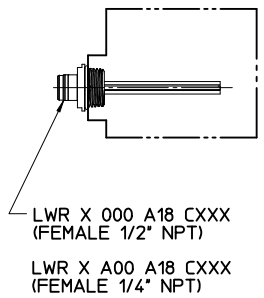
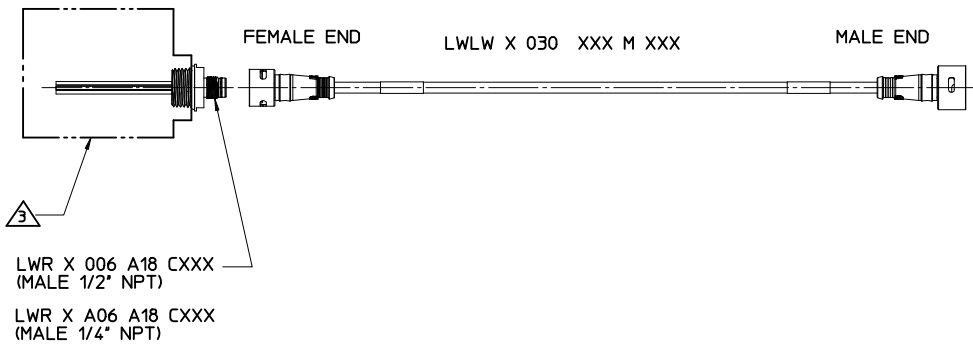
NOTICE: THIS PART IS CSA AND FACTORY MUTUAL APPROVED  
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THIS DRAWING SUPERSEDES ES-120614-001 REV-B

|   |  |                                       |  |   |  |  |                      |                               |  |  |  |
|---|--|---------------------------------------|--|---|--|--|----------------------|-------------------------------|--|--|--|
| <p>SEE SHEET 3<br/>EC NO: IPG2018-0141<br/>DRAWN BY: DRWINRSTONE 2017/08/28<br/>CHKD: BWOODMAN 2017/08/30<br/>APPR: BWOODMAN 2017/09/06</p> | <p>QUALITY SYMBOLS<br/>▽=0<br/>▽=0</p> | GENERAL TOLERANCES (UNLESS SPECIFIED) |  | DIMENSION STYLE<br>IN/MM  |  | SCALE<br>1:1                               | DESIGN UNITS<br>INCH | THIRD ANGLE PROJECTION        |  |  |  |
|   |  |                                       |  |   |  | TITLE<br>CONTROL DOC FOR ULTRA-LOCK ZONE 2 |                      |                               |  |  |  |
|   |  |                                       |  |   |  | DRAWN BY: RSTONE DATE: 2012/05/18          |                      |                               |  |  |  |
|   |  |                                       |  |   |  | CHECKED BY: K JOZWIK DATE: 2012/05/22      |                      |                               |  |  |  |
|   |  |                                       |  | APPROVED BY: JFMURPHY DATE: 2012/08/27  |  |  |                      |                               |  |  |  |
|   |  |                                       |  | ANGULAR ±---°   |  | MATERIAL NO.<br>1206149999                 |                      | DOCUMENT NO.<br>SD-120614-999 |  |  |  |
|   |  |                                       |  | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |  | SIZE<br>C                                  |                      | SHEET NO.<br>1 OF 3           |  |  |  |
|   |  |                                       |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |  |                      |                               |  |  |  |

CLASS 1, DIVISION 2, GROUP A, B, C, OR D  
HAZARDOUS LOCATION

HAZARDOUS LOCATION



- REF:
1. SEE SHEET 1 FOR NOTES
  2. SEE SHEET 3 FOR CONFIGURATION INFORMATION

NOTICE: THIS PART IS CSA AND FACTORY MUTUAL APPROVED  
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FACTORY MUTUAL.

|   |                               |   |            |                          |                    |  |                      |                        |                            |                               |                     |
|---|-------------------------------|---|------------|--------------------------|--------------------|--|----------------------|------------------------|----------------------------|-------------------------------|---------------------|
| SEE SHEET 3<br>EC NO: JFG2018-0141<br>2017/08/28<br>DRAWNR:STONE<br>2017/08/30<br>CHKD:WOODMAN<br>2017/09/06<br>APPR:WOODMAN  | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)   |            | DIMENSION STYLE<br>IN/MM |                    | SCALE<br>1:1                               | DESIGN UNITS<br>INCH | THIRD ANGLE PROJECTION |                            |                               |                     |
|   |                               | 4 PLACES ± --- ± ---<br>3 PLACES ± --- ± ---<br>2 PLACES ± --- ± ---<br>1 PLACE ± --- ± ---<br>ANGULAR ± ---° | mm<br>INCH | DRAWN BY<br>RSTONE       | DATE<br>2012/05/18 | TITLE<br>CONTROL DOC FOR ULTRA-LOCK ZONE 2 |                      |                        |                            |                               |                     |
| REV   | DESCRIPTION                   | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS  |            | CHECKED BY<br>K JOZWIK   | DATE<br>2012/05/22 | APPROVED BY<br>JFMURPHY                    |                      | DATE<br>2012/08/27     | MATERIAL NO.<br>1206149999 | DOCUMENT NO.<br>SD-120614-999 | SHEET NO.<br>2 OF 3 |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                               |   |            |                          |                    |  |                      |                        |                            |                               |                     |

M12/MICROCHANGE ULTRA-LOCK CORD CONNECTORS AND CORD SETS

LWO 3 000 C02 M 020 8  
 I II III IV V VI VII

I: CONNECTOR TYPE

- LWO= ULTRA-LOCK ZONE 2 MALE OR FEMALE SINGLE END CORDSET
- LWW= ULTRA-LOCK ZONE 2 FEMALE TO STANDARD ULTRA-LOCK MALE DOUBLE ENDED CORDSET
- WLW= ULTRA-LOCK ZONE 2 MALE TO STANDARD ULTRA-LOCK FEMALE DOUBLE ENDED CORDSET
- LW8= ULTRA-LOCK ZONE 2 FEMALE TO STANDARD M12 MALE DOUBLE ENDED CORDSET
- 8LW= ULTRA-LOCK ZONE 2 MALE TO STANDARD M12 FEMALE DOUBLE ENDED CORDSET
- LWLW= ULTRA-LOCK ZONE 2 FEMALE TO ULTRA-LOCK ZONE 2 MALE DOUBLE ENDED CORDSET

II: NUMBER OF POLES: 3= 3 PIN, 4= 4 PIN, 5 = 5 PIN

III: CONFIGURATION

- SINGLE ENDED:
- 000= STRAIGHT FEMALE CONNECTOR
  - 001= FEMALE 90°
  - 006= STRAIGHT MALE, EXTERNAL THREAD
  - 007= MALE 90°

DOUBLE ENDED:

- 030= STRAIGHT FEMALE CONNECTOR TO STRAIGHT MALE CONNECTOR
- 031= FEMALE 90° TO MALE STRAIGHT
- 032= FEMALE STRAIGHT TO MALE 90°
- 033= FEMALE 90° TO MALE 90°

IV: CABLE TYPE

- C02= SJ00W YELLOW, 18 AWG, DC CODE (CSA ONLY) **G**
- K03= PLTC/ITC, 18 AWG, TPE JACKET
- K05= PLTC/ITC, 22 AWG, TPE JACKET

V: UNIT OF MEASURE

- F= FEET
- M= METERS

VI: CABLE LENGTH (MAY BE ANY 3 DIGIT NUMBER FROM 001-100)

- 1ST DIGIT= 10 X LENGTH
- 2ND DIGIT= 1 X LENGTH
- 3RD DIGIT= .1 X LENGTH

VII: COUPLING NUT MATERIAL

ULTRA-LOCK ZONE 2 END(S) ARE STAINLESS STEEL

M12 OR ULTRA-LOCK:

- NONE = STANDARD MATERIAL (NICKEL PLATED BRASS)
- 8= STAINLESS STEEL

**NOTICE: THIS PART IS CSA AND FACTORY MUTUAL APPROVED  
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 OR SUPPLIER WITHOUT PRIOR APPROVAL FROM CSA AND  
 FACTORY MUTUAL.**

M12/MICROCHANGE ULTRA-LOCK OUTLETS

LWR 3 A00 A18 M 020 8  
 I II III IV V VI VII

I: CONNECTOR TYPE

LWR= LOCKING INLETS AND OUTLETS

II: NUMBER OF POLES 3=3 PIN, 4= 4 PIN, & 5= 5 PIN

III: CONFIGURATION

- SINGLE ENDED:
- A00= FEMALE STRAIGHT (INT.THEAD) 1/4-18 NPT
  - A06= MALE STRAIGHT (EXT.THEAD) 1/4-18 NPT
  - 000= FEMALE STRAIGHT (INT.THEAD) 1/2-14 NPT
  - 006= MALE STRAIGHT (EXT.THEAD) 1/2-14 NPT

**G** IV: WIRE TYPE

- A18= 22 AWG, PVC, DC COLOR CODE, UL TYPE 1061
- A16= 18 AWG, PVC, DC COLOR CODE, UL TYPE 1569

V: UNIT OF MEASURE

- A= INCHES
- F= FEET
- C= CENTIMETERS
- M= METERS

VI: WIRE LENGTH (MAY BE ANY 3 DIGIT NUMBER FROM 001-100)

- 1ST DIGIT= 10 X LENGTH
- 2ND DIGIT= 1 X LENGTH
- 3RD DIGIT= .1 X LENGTH

VII: SHELL MATERIAL

- M12 OR ULTRA-LOCK:
- NONE = STANDARD MATERIAL (COPPER ZINC ALLOY)
- 3= NICKEL PLATED BRASS
- 8= STAINLESS STEEL

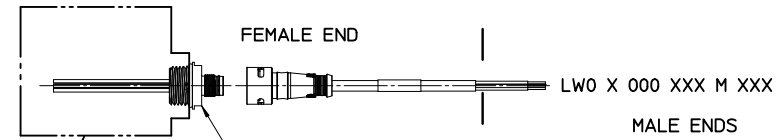
|  |  |   |   |           |                    |                                      |
|--|--|---|---|-----------|--------------------|--------------------------------------|
| CORSET NOTE IV, ADD CSA<br>OUTLET NOTE IV, REMOVE PCB PINS<br>EC NO: IPGZ018-0141<br>DR: DRWHRSTONE 2017/08/28<br>CHKD: BWOODMAN 2017/08/30<br>APPR: BWOODMAN 2017/09/06 | QUALITY SYMBOLS                                      | GENERAL TOLERANCES (UNLESS SPECIFIED)   | DIMENSION STYLE   | SCALE     | DESIGN UNITS       | THIRD ANGLE PROJECTION               |
|  | ▽=0<br>▽=0   | mm  | IN/MM   | 1:1       | INCH               | CONTROL DOC FOR<br>ULTRA-LOCK ZONE 2 |
|  |  | INCH  | IN/MM   | 1:1       | INCH               |                                      |
|  | DESCRIPTION  | 4 PLACES ±--- ±---<br>3 PLACES ±--- ±---<br>2 PLACES ±--- ±---<br>1 PLACE ±--- ±---<br>ANGULAR ±---°                          | DRAWN BY DATE<br>RSTONE 2012/05/18<br>CHECKED BY DATE<br>K JOZWIK 2012/05/22<br>APPROVED BY DATE<br>JFMURPHY 2012/08/27 | TITLE     | MOLEX INCORPORATED |                                      |
| REV  | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | MATERIAL NO.  | DOCUMENT NO.  | SHEET NO. |                    |                                      |
|  |  | 1206149999  | SD-120614-999   | 3 OF 3    |                    |                                      |
|  |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |   |           |                    |                                      |

CLASS 1, DIVISION 2, GROUP A, B, C, OR D  
HAZARDOUS LOCATION

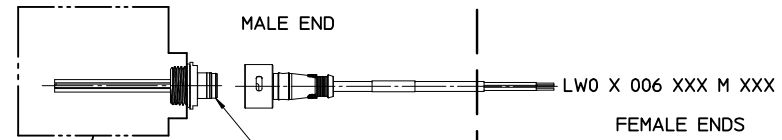
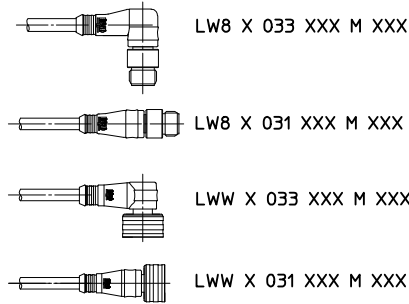
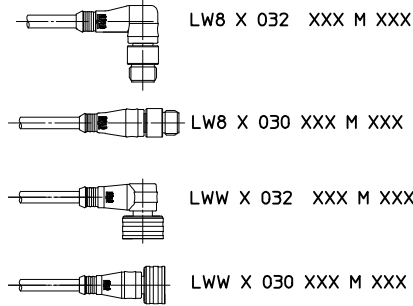
NON-HAZARDOUS LOCATION

CLASS 1, DIVISION 2, GROUP A, B, C, OR D  
HAZARDOUS LOCATION

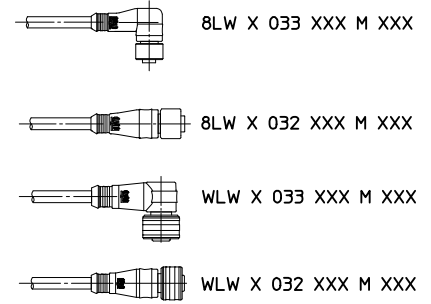
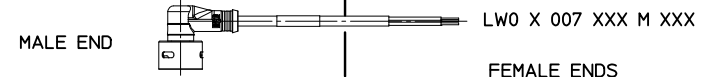
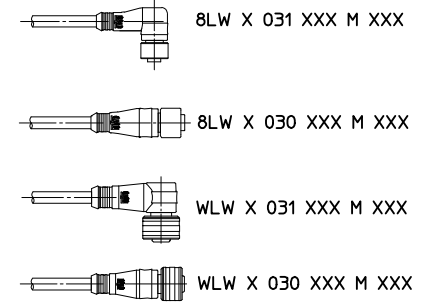
NON-HAZARDOUS LOCATION



LWR X 006 A18 CXXX  
(MALE 1/2" NPT)  
LWR X A06 A18 CXXX  
(MALE 1/4" NPT)



LWR X 000 A18 CXXX  
(FEMALE 1/2" NPT)  
LWR X A00 A18 CXXX  
(FEMALE 1/4" NPT)



NOTES:

1. THE INSTALLATION MUST BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC), ANSI/NFPA 70. SPECIFIC REQUIREMENTS FOR THE INSTALLATION OF ITC RATED CABLE MAY BE FOUND IN ARTICLE 501.4(B)(1)(5) AND ARTICLE 727.4
2. THE MOLDED CONSTRUCTION OF THE CORDSET AND GAS/VAPORTIGHT CONTINUOUS SHEATH OF THE CABLE MEET THE REQUIREMENTS OF THE NEC, ARTICLE 501-5(E)(2) FOR CABLE SEALS IN CLASS 1, DIVISION 2

FIELD DEVICE APPROVAL FOR CLASS 1, DIV. 2 OR CLASS 1, ZONE2 INSTALLATIONS

REF. SEE SHEET 3 FOR CONFIGURATION INFORMATION

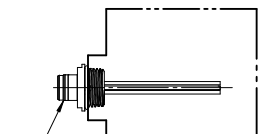
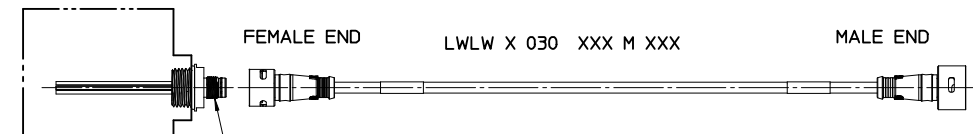
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FACTORY MUTUAL.

THIS DRAWING SUPERSEDES ES-120614-001 REV-B

|  |                 |  |   |               |              |                        |
|--|-----------------|--|---|---------------|--------------|------------------------|
| SEE SHEET 3<br>EC NO: IPG2018-0141<br>DRAWN BY: DRWINRSTONE 2017/08/28<br>CHECKED BY: CHKD:WOODMAN 2017/08/30<br>APPR: BWOODMAN 2017/09/06<br>REV: | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED)                | DIMENSION STYLE   | SCALE         | DESIGN UNITS | THIRD ANGLE PROJECTION |
|  |                 | mm   | IN/MM   | 1:1           | INCH         |                        |
|  |                 | INCH   |   |               |              |                        |
|  |                 | ANGULAR ±---°  |   |               |              |                        |
|  |                 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | MATERIAL NO.  | DOCUMENT NO.  | SHEET NO.    |                        |
|  |                 |  | 1206149999  | SD-120614-999 | 1 OF 3       |                        |
|  |                 |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |               |              |                        |

CLASS 1, DIVISION 2, GROUP A, B, C, OR D  
HAZARDOUS LOCATION

HAZARDOUS LOCATION

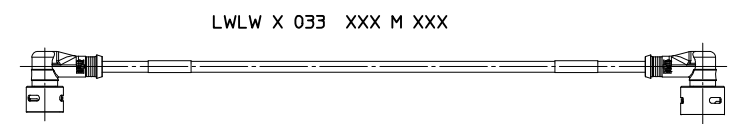
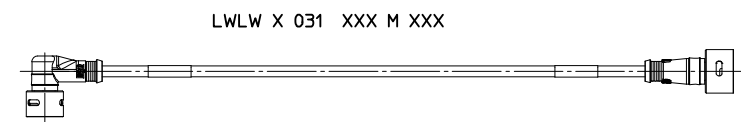
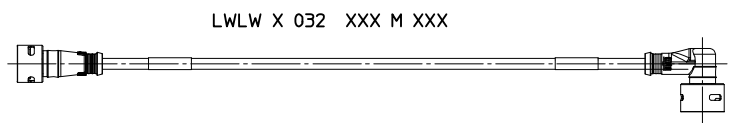


LWR X 006 A18 CXXX  
(MALE 1/2" NPT)

LWR X A06 A18 CXXX  
(MALE 1/4" NPT)

LWR X 000 A18 CXXX  
(FEMALE 1/2" NPT)

LWR X A00 A18 CXXX  
(FEMALE 1/4" NPT)



- REF:
1. SEE SHEET 1 FOR NOTES
  2. SEE SHEET 3 FOR CONFIGURATION INFORMATION

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OR SUPPLIER WITHOUT PRIOR APPROVAL FROM CSA AND  
FACTORY MUTUAL.

|  |                               |   |   |                          |                    |  |                      |                               |  |                     |
|--|-------------------------------|---|---|--------------------------|--------------------|--|----------------------|-------------------------------|--|---------------------|
| SEE SHEET 3<br>EC NO: JFG2018-0141<br>2017/08/28<br>DRAWNR:STONE<br>2017/08/30<br>CHKD:WOODMAN<br>2017/09/06<br>APPR:WOODMAN | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)   |   | DIMENSION STYLE<br>IN/MM |                    | SCALE<br>1:1                               | DESIGN UNITS<br>INCH | THIRD ANGLE PROJECTION        |  |                     |
|  |                               | 4 PLACES ± --- ± ---<br>3 PLACES ± --- ± ---<br>2 PLACES ± --- ± ---<br>1 PLACE ± --- ± ---                                   | mm INCH<br>± --- ± ---<br>± --- ± ---<br>± --- ± ---<br>± --- ± --- | DRAWN BY<br>RSTONE       | DATE<br>2012/05/18 | TITLE<br>CONTROL DOC FOR ULTRA-LOCK ZONE 2 |                      | MOLEX INCORPORATED            |  |                     |
| REV  | DESCRIPTION                   | MATERIAL NO.<br>1206149999  |   | APPROVED BY<br>JFMURPHY  |                    | DATE<br>2012/08/27                         |                      | DOCUMENT NO.<br>SD-120614-999 |  | SHEET NO.<br>2 OF 3 |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS   |                               | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |   |                          |                    |  |                      |                               |  |                     |

M12/MICROCHANGE ULTRA-LOCK CORD CONNECTORS AND CORD SETS

LWO 3 000 C02 M 020 8  
 I II III IV V VI VII

I: CONNECTOR TYPE

- LWO= ULTRA-LOCK ZONE 2 MALE OR FEMALE SINGLE END CORDSET
- LWW= ULTRA-LOCK ZONE 2 FEMALE TO STANDARD ULTRA-LOCK MALE DOUBLE ENDED CORDSET
- WLW= ULTRA-LOCK ZONE 2 MALE TO STANDARD ULTRA-LOCK FEMALE DOUBLE ENDED CORDSET
- LW8= ULTRA-LOCK ZONE 2 FEMALE TO STANDARD M12 MALE DOUBLE ENDED CORDSET
- 8LW= ULTRA-LOCK ZONE 2 MALE TO STANDARD M12 FEMALE DOUBLE ENDED CORDSET
- LWLW= ULTRA-LOCK ZONE 2 FEMALE TO ULTRA-LOCK ZONE 2 MALE DOUBLE ENDED CORDSET

II: NUMBER OF POLES: 3= 3 PIN, 4= 4 PIN, 5 = 5 PIN

III: CONFIGURATION

- SINGLE ENDED:  
 000= STRAIGHT FEMALE CONNECTOR  
 001= FEMALE 90°  
 006= STRAIGHT MALE, EXTERNAL THREAD  
 007= MALE 90°

DOUBLE ENDED:

- 030= STRAIGHT FEMALE CONNECTOR TO STRAIGHT MALE CONNECTOR
- 031= FEMALE 90° TO MALE STRAIGHT
- 032= FEMALE STRAIGHT TO MALE 90°
- 033= FEMALE 90° TO MALE 90°

IV: CABLE TYPE

- C02= SJ00W YELLOW, 18 AWG, DC CODE (CSA ONLY) **G**
- K03= PLTC/ITC, 18 AWG, TPE JACKET
- K05= PLTC/ITC, 22 AWG, TPE JACKET

V: UNIT OF MEASURE

- F= FEET
- M= METERS

VI: CABLE LENGTH (MAY BE ANY 3 DIGIT NUMBER FROM 001-100)

- 1ST DIGIT= 10 X LENGTH
- 2ND DIGIT= 1 X LENGTH
- 3RD DIGIT= .1 X LENGTH

VII: COUPLING NUT MATERIAL

ULTRA-LOCK ZONE 2 END(S) ARE STAINLESS STEEL

M12 OR ULTRA-LOCK:

- NONE = STANDARD MATERIAL (NICKEL PLATED BRASS)
- 8= STAINLESS STEEL

NOTICE: THIS PART IS CSA AND FACTORY MUTUAL APPROVED  
 NO CHANGES CAN BE MADE TO THE ASSEMBLY, COMPONENTS  
 OR SUPPLIER WITHOUT PRIOR APPROVAL FROM CSA AND  
 FACTORY MUTUAL.

M12/MICROCHANGE ULTRA-LOCK OUTLETS

LWR 3 A00 A18 M 020 8  
 I II III IV V VI VII

I: CONNECTOR TYPE

LWR= LOCKING INLETS AND OUTLETS

II: NUMBER OF POLES 3=3 PIN, 4= 4 PIN, & 5= 5 PIN

III: CONFIGURATION

- SINGLE ENDED:  
 A00= FEMALE STRAIGHT (INT.THEAD) 1/4-18 NPT  
 A06= MALE STRAIGHT (EXT.THEAD) 1/4-18 NPT  
 000= FEMALE STRAIGHT (INT.THEAD) 1/2-14 NPT  
 006= MALE STRAIGHT (EXT.THEAD) 1/2-14 NPT

**G** IV: WIRE TYPE

- A18= 22 AWG, PVC, DC COLOR CODE, UL TYPE 1061
- A16= 18 AWG, PVC, DC COLOR CODE, UL TYPE 1569

V: UNIT OF MEASURE

- A= INCHES
- F= FEET
- C= CENTIMETERS
- M= METERS

VI: WIRE LENGTH (MAY BE ANY 3 DIGIT NUMBER FROM 001-100)

- 1ST DIGIT= 10 X LENGTH
- 2ND DIGIT= 1 X LENGTH
- 3RD DIGIT= .1 X LENGTH

VII: SHELL MATERIAL

- M12 OR ULTRA-LOCK:
- NONE = STANDARD MATERIAL (COPPER ZINC ALLOY)
- 3= NICKEL PLATED BRASS
- 8= STAINLESS STEEL

|  |  |  |   |                            |                               |                             |                                      |
|--|--|--|---|----------------------------|-------------------------------|-----------------------------|--------------------------------------|
| CORSET NOTE IV, ADD CSA<br>OUTLET NOTE IV, REMOVE PCB PINS<br>EC NO: IPGZ018-0141<br>DR: MHRSTONE 2017/08/28<br>CHKD: BWOODMAN 2017/08/30<br>APPR: BWOODMAN 2017/09/06 | QUALITY SYMBOLS<br>▽=0<br>▽=0  | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>mm INCH<br>4 PLACES ±--- ±---<br>3 PLACES ±--- ±---<br>2 PLACES ±--- ±---<br>1 PLACE ±--- ±---<br>ANGULAR ±---° | DIMENSION STYLE<br>IN/MM<br>DRAWN BY DATE<br>RSTONE 2012/05/18<br>CHECKED BY DATE<br>K JOZWIK 2012/05/22<br>APPROVED BY DATE<br>JFMURPHY 2012/08/27 | SCALE<br>1:1               | DESIGN UNITS<br>INCH          | THIRD ANGLE PROJECTION<br>☉ | CONTROL DOC FOR<br>ULTRA-LOCK ZONE 2 |
|  | MOLEX INCORPORATED   |  |   |                            |                               |                             |                                      |
|  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS   |  |   | MATERIAL NO.<br>1206149999 | DOCUMENT NO.<br>SD-120614-999 |                             | SHEET NO.<br>3 OF 3                  |
|  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |   |                            |                               |                             |                                      |