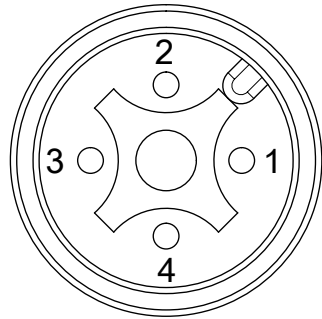


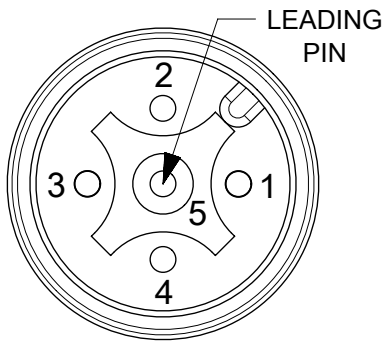
U12 4 POLE  
MALE



VIEW FROM THE FRONT SIDE

| Pin | Wire color |    |
|-----|------------|----|
| 1   | BROWN      | BN |
| 2   | WHITE      | WH |
| 3   | BLUE       | BU |
| 4   | BLACK      | BK |

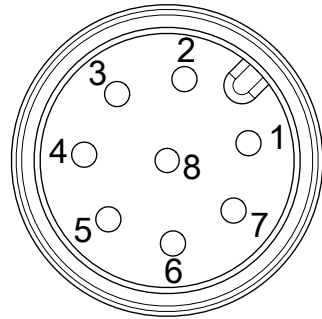
U12 5 POLE  
MALE



VIEW FROM THE FRONT SIDE

| Pin | Wire color   |       |
|-----|--------------|-------|
| 1   | BROWN        | BN    |
| 2   | WHITE        | WH    |
| 3   | BLUE         | BU    |
| 4   | BLACK        | BK    |
| 5   | GREEN/YELLOW | GN/YE |

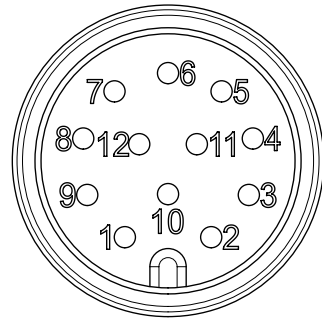
U12 8 POLE  
MALE



VIEW FROM THE FRONT SIDE

| Pin | Wire color |    |
|-----|------------|----|
| 1   | WHITE      | WH |
| 2   | BROWN      | BN |
| 3   | GREEN      | GN |
| 4   | YELLOW     | YE |
| 5   | GREY       | GY |
| 6   | PINK       | PK |
| 7   | BLUE       | BU |
| 8   | RED        | RD |

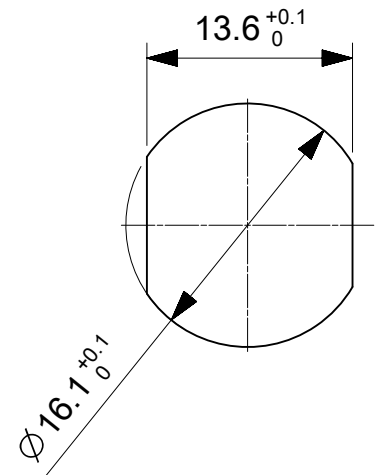
U12 12 POLE  
MALE



VIEW FROM THE FRONT SIDE

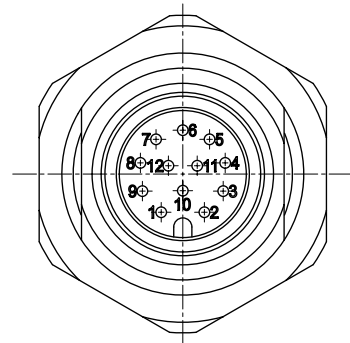
| Pin | Wire color |       |
|-----|------------|-------|
| 1   | WHITE      | WH    |
| 2   | BROWN      | BN    |
| 3   | GREEN      | GN    |
| 4   | YELLOW     | YE    |
| 5   | GREY       | GY    |
| 6   | PINK       | PK    |
| 7   | BLUE       | BU    |
| 8   | RED        | RD    |
| 9   | BLACK      | BK    |
| 10  | VIOLET     | VT    |
| 11  | GREY/PINK  | GY/PK |
| 12  | RED/BLUE   | RD/BU |

PANEL CUTOUT

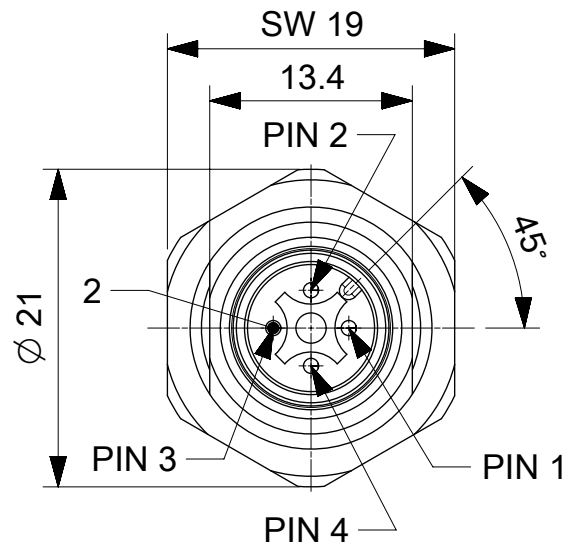


NOTES:

VOLTAGE RATING 4P: 250V AC / DC  
VOLTAGE RATING 5P: 60V AC / DC  
VOLTAGE RATING 8P: 30V AC / 36V DC  
VOLTAGE RATING 12P: 30V AC / DC  
AMPERAGE RATING 4P, 5P: 4A  
AMPERAGE RATING 8P: 2A  
AMPERAGE RATING 12P: 1.5A  
PROTECTION CLASS: IP 67  
OPERATING TEMPERATURE: -25°C to +90°C



KEYWAY POSITION  
FOR 12P



KEYWAY POSITION  
FOR 4P, 5P AND 8P

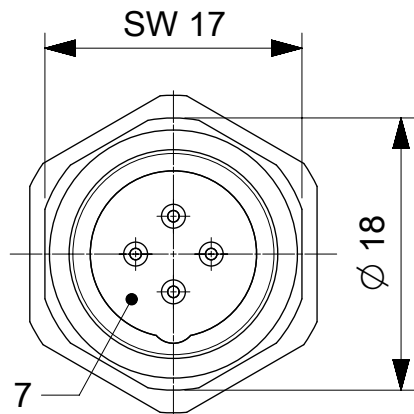
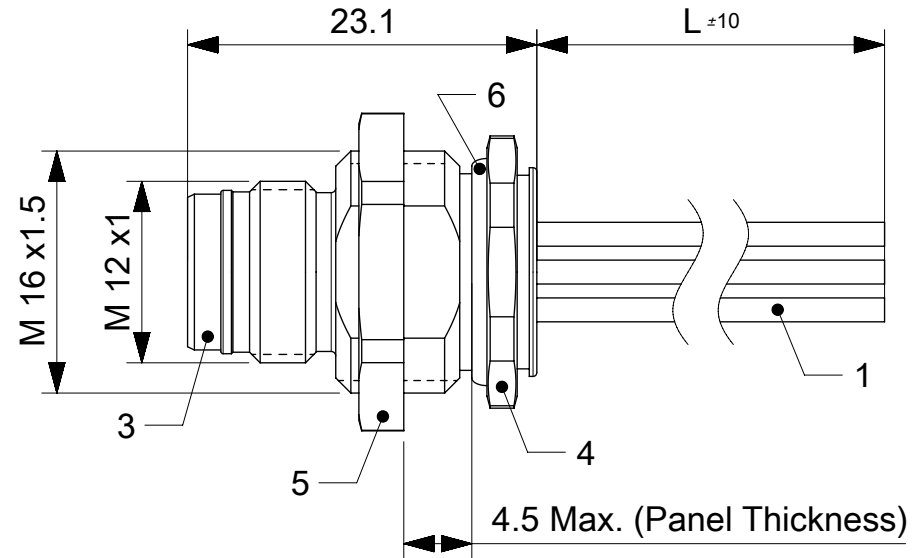


TABLE 1

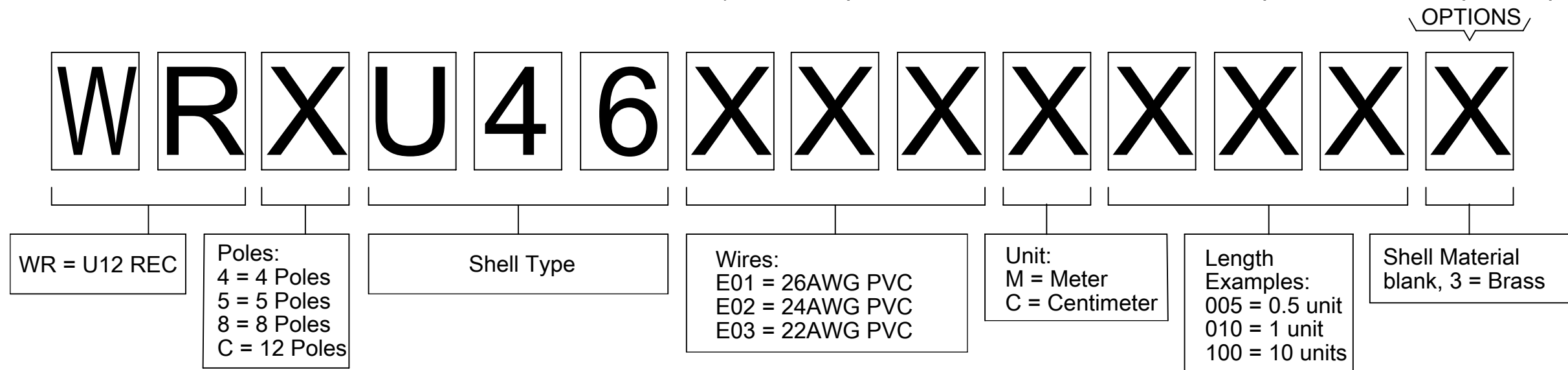
|      |          |                                 |          |        |
|------|----------|---------------------------------|----------|--------|
| 7    | -        | POTTING MATERIAL                | WEVO     | -      |
| 6    | 1        | O-RING BLACK                    | NBR      | -      |
| 5    | 1        | LOCKNUT M16x1.5                 | BRASS    | Ni     |
| 4    | 1        | SHELL M12x1 M16x1.5             | BRASS    | Ni     |
| 3    | 1        | INSERT U12 MALE 4P/5P/8P/12P BK | PA       | -      |
| 2    | 4/5/8/12 | CONTACT MALE                    | BRASS    | Au     |
| 1    | -        | WIRE 22/24/26 AWG UL1569        | PVC      | -      |
| ITEM | QTY.     | DESCRIPTION                     | MATERIAL | FINISH |

|                |    |              |            |          |
|----------------|----|--------------|------------|----------|
| RELEASE STATUS | P1 | RELEASE DATE | 30.05.2017 | 12:22:41 |
|----------------|----|--------------|------------|----------|

FORMAT: master-b-prod-A3  
REVISION: G  
DATE: 2015/12/14

| QUALITY SYMBOLS |     | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                                                                                                                                                                       |                 |                               |                        |  |                                                                                          |  |  |  |                 |
|-----------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|------------------------|--|------------------------------------------------------------------------------------------|--|--|--|-----------------|
|                 | = 0 | 2017/05/25<br>2017/05/30<br>EC NO: 117406<br>DRWN: FGAIK<br>CHK'D:<br>APPR: BBRAUCH                                                           | GENERAL TOLERANCES (UNLESS SPECIFIED)<br><br>ANGULAR TOL ± 1.0 °<br><br>4 PLACES ±<br>3 PLACES ±<br>2 PLACES ± 0.05<br>1 PLACE ± 0.3<br>0 PLACES ± 0.5<br><br>DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS | DIMENSION UNITS |                               | SCALE                  |  | <br><br>REC U12 XP AC MA PVC XM M16 BM BRA                                               |  |  |  |                 |
|                 | = 0 |                                                                                                                                               |                                                                                                                                                                                                                       | MM              |                               | 2:1                    |  |                                                                                          |  |  |  |                 |
|                 | = 0 |                                                                                                                                               |                                                                                                                                                                                                                       | DRWN BY         |                               | DATE                   |  |                                                                                          |  |  |  |                 |
|                 | = 0 |                                                                                                                                               |                                                                                                                                                                                                                       | FGAIK           |                               | 2016/11/17             |  | PRODUCT CUSTOMER DRAWING                                                                 |  |  |  |                 |
|                 | = 0 |                                                                                                                                               |                                                                                                                                                                                                                       | CHK'D BY        |                               | DATE                   |  |                                                                                          |  |  |  |                 |
|                 | = 0 |                                                                                                                                               |                                                                                                                                                                                                                       | APPR BY         |                               | DATE                   |  |                                                                                          |  |  |  |                 |
|                 | = 0 |                                                                                                                                               |                                                                                                                                                                                                                       | RSILLER         |                               | 2016/11/23             |  | SERIES<br>120084<br><br>MATERIAL NUMBER<br>SEE SHEET 2<br><br>CUSTOMER<br>GENERAL MARKET |  |  |  |                 |
|                 | = 0 |                                                                                                                                               |                                                                                                                                                                                                                       | DRAWING SIZE    |                               | THIRD ANGLE PROJECTION |  |                                                                                          |  |  |  |                 |
|                 | = 0 |                                                                                                                                               |                                                                                                                                                                                                                       | A3              |                               |                        |  |                                                                                          |  |  |  |                 |
| A1              |     |                                                                                                                                               |                                                                                                                                                                                                                       | REV             | DOCUMENT NUMBER<br>1200845036 |                        |  |                                                                                          |  |  |  | DOC TYPE<br>PSD |

ENGINEERING No. - NUMERICAL CODE (Available parts see PART LIST table. Other parts available upon request)



## WIRES INFORMATION

| WIRE TYPE | AWG | CONSTRUCTION | INSULATION | UL      | RATED TEMPERATURE | RATED VOLTAGE | INSULATION DIAMETER |
|-----------|-----|--------------|------------|---------|-------------------|---------------|---------------------|
| E01       | 26  | 7x0.16mm     | PVC        | UL 1569 | 105°C             | 300V          | 1.30±0.05mm         |
| E02       | 24  | 11x0.16mm    | PVC        | UL 1569 | 105°C             | 300V          | 1.43±0.05mm         |
| E03       | 22  | 17x0.16mm    | PVC        | UL 1569 | 105°C             | 300V          | 1.58±0.05mm         |

## PART LIST

| Molex PN   | Engineering No. | L [mm] |
|------------|-----------------|--------|
| 1200845019 | WRCU46E01C300   | 300    |
| 1200845036 | WR4U46E03C3003  | 300    |
| 1200845098 | WR8U46E02C300   | 300    |
| 1200845161 | WR5U46E03C3003  | 300    |
| 1200848122 | WRCU46E01M010   | 1000   |
| 1200848171 | WR8U46E02C500   | 500    |
| 1200848179 | WR4U46E03C0503  | 50     |

|                |    |              |            |          |
|----------------|----|--------------|------------|----------|
| RELEASE STATUS | P1 | RELEASE DATE | 30.05.2017 | 12:22:41 |
|----------------|----|--------------|------------|----------|

|                                                                                                                                               |  |                                                                                                        |  |                                                                                                                                                                                                                                       |  |                               |  |                        |                 |                                                                                            |                 |  |                        |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------|--|------------------------|-----------------|--------------------------------------------------------------------------------------------|-----------------|--|------------------------|--|--|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                                                                                                        |  |                                                                                                                                                                                                                                       |  |                               |  |                        |                 |                                                                                            |                 |  |                        |  |  |  |
| QUALITY SYMBOLS                                                                                                                               |  | 2017/05/25<br>2017/05/30<br><br>EC NO: 117406<br>DRWN: FGAIK<br>CHK'D:<br>APPR: BBRAUCH<br><br>REV: A1 |  | GENERAL TOLERANCES (UNLESS SPECIFIED)<br><br>ANGULAR TOL ± 1.0 °<br><br>4 PLACES ±<br><br>3 PLACES ±<br><br>2 PLACES ± 0.05<br><br>1 PLACE ± 0.3<br><br>0 PLACES ± 0.5<br><br>DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS |  | DIMENSION UNITS               |  | SCALE                  |                 | molex®<br><br>REC U12 XP AC MA PVC XM M16 BM BRA                                           |                 |  |                        |  |  |  |
| = 0                                                                                                                                           |  |                                                                                                        |  |                                                                                                                                                                                                                                       |  | MM                            |  | 1:1                    |                 |                                                                                            |                 |  |                        |  |  |  |
| = 0                                                                                                                                           |  |                                                                                                        |  |                                                                                                                                                                                                                                       |  | DRWN BY                       |  | DATE                   |                 |                                                                                            |                 |  |                        |  |  |  |
| = 0                                                                                                                                           |  |                                                                                                        |  |                                                                                                                                                                                                                                       |  | FGAIK                         |  | 2016/11/17             |                 | PRODUCT CUSTOMER DRAWING                                                                   |                 |  |                        |  |  |  |
| = 0                                                                                                                                           |  |                                                                                                        |  |                                                                                                                                                                                                                                       |  | CHK'D BY                      |  | DATE                   |                 |                                                                                            |                 |  |                        |  |  |  |
| = 0                                                                                                                                           |  |                                                                                                        |  |                                                                                                                                                                                                                                       |  | APPR BY                       |  | DATE                   |                 |                                                                                            |                 |  |                        |  |  |  |
| = 0                                                                                                                                           |  |                                                                                                        |  |                                                                                                                                                                                                                                       |  | RSILLER                       |  | 2016/11/23             |                 | SERIES<br>120084<br><br>MATERIAL NUMBER<br>SEE PART LIST<br><br>CUSTOMER<br>GENERAL MARKET |                 |  |                        |  |  |  |
| = 0                                                                                                                                           |  |                                                                                                        |  |                                                                                                                                                                                                                                       |  | DRAWING SIZE                  |  | THIRD ANGLE PROJECTION |                 |                                                                                            |                 |  |                        |  |  |  |
| = 0                                                                                                                                           |  | A3                                                                                                     |  |                                                                                                                                                                                                                                       |  |                               |  |                        |                 |                                                                                            |                 |  |                        |  |  |  |
| = 0                                                                                                                                           |  | A1                                                                                                     |  | REV                                                                                                                                                                                                                                   |  | DOCUMENT NUMBER<br>1200845036 |  |                        | DOC TYPE<br>PSD |                                                                                            | DOC PART<br>000 |  | SHEET NUMBER<br>2 OF 2 |  |  |  |

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: [org@lifeelectronics.ru](mailto:org@lifeelectronics.ru)

[www.lifeelectronics.ru](http://www.lifeelectronics.ru)