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**Part Number:** [120613-2008](#)  
**Status:** **Active**  
**Overview:** Brad® Ultra-Lock® (M12) EX Connection System for Zone 2 Hazardous Locations  
**Description:** Ultra-Lock® (M12) EX, Double-Ended Cordset, Zone 2, 5 Poles, Female (90°) to Male (90°), TPE Cable, 22 AWG, 1.0m Length

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-120614-001 \(PDF\)](#)

**General**

|                 |   |
|-----------------|---|
| Product Family  | Industrial Cordsets   |
| Series          | <a href="#">120613</a>  |
| Connector End A | Ultra-Lock® (M12) EX  |
| Connector End B | Ultra-Lock® (M12) EX  |
| IP Rating       | IP69K   |
| NEMA Rating     | NEMA 6  |
| Overview        | <a href="#">Brad® Ultra-Lock® (M12) EX Connection System for Zone 2 Hazardous Locations</a> |
| Product Name    | Ultra-Lock® (M12) EX  |
| Type            | Double Ended  |
| UPC             | 78172534855   |

**Physical**

|                               |                     |
|-------------------------------|---------------------|
| Cable Diameter                | 6.86mm (.270")      |
| Cable Length                  | 1.0m                |
| Color - Cable Jacket          | Yellow              |
| Coupling Style                | Push to Lock        |
| Gender                        | Female-Male         |
| Keyway                        | Single              |
| LED Indicator                 | No                  |
| Material - Cable Jacket       | TPE                 |
| Material - Connector Body     | TPE                 |
| Material - Contact            | Copper Alloy        |
| Material - Coupling Nut       | Nickel-plated Brass |
| Material - O-Ring             | Viton               |
| Material - Plating Mating     | Gold over Nickel    |
| Orientation                   | 90° to 90°          |
| Poles                         | 5                   |
| Temperature Range - Operating | -20°C to +40°C      |
| Wire Size AWG                 | 18                  |
| Wire/Cable Type               | PLTC-ER             |

**Electrical**

|                               |            |
|-------------------------------|------------|
| Current - Maximum per Contact | 4A         |
| Voltage - Maximum             | 250V AC/DC |

**Material Info**

|                 |                 |
|-----------------|-----------------|
| Old Part Number | LWLW5033K03M010 |
|-----------------|-----------------|

**Reference - Drawing Numbers**

|                       |                              |
|-----------------------|------------------------------|
| Product Specification | PS-120614-001                |
| Sales Drawing         | SD-120613-008, SD-120614-999 |



**EU RoHS**

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

**China RoHS**



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Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
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Please visit the [Contact Us](#) section for any non-product compliance questions.

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[120613Series](#)

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