



**Part Number :** [1204061048](#)  
**Product Description :** Ultra-Lock 2.0 (M12) Receptacle to RJ-45 Double-Ended Cordset, 4 Poles, Female (Straight) to RJ-45 Male (Straight), EtherNet Cat5e TPU Cable, Teal, 2.0m Length  
**Series Number :** 120406  
**Status :** Active  
**Product Category :** Circular Industrial Cordsets  
**Engineering Number :** ERYPAU7016M020



## Documents & Resources

**Drawings**  
[Drawing 1204061048\\_sd.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                               |
|--------------------|---------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                  |
| China RoHS         | Not Relevant                                                  |
| EU ELV             | Compliant with Exemption 3 per 2000/53/EC                     |
| Low-Halogen Status | Not Relevant                                                  |
| REACH SVHC         | Contains Lead; Lead monoxide per D(2023)3788-DC (14 Jun 2023) |
| EU RoHS            | Compliant with Exemption 6(c) per EU 2015/863                 |

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration

- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

|                      |                                                                                                                                                                 |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status               | Active                                                                                                                                                          |
| Category             | Circular Industrial Cordsets                                                                                                                                    |
| Series               | 120406                                                                                                                                                          |
| Description          | Ultra-Lock 2.0 (M12) Receptacle to RJ-45 Double-Ended Cordset, 4 Poles, Female (Straight) to RJ-45 Male (Straight), EtherNet Cat5e TPU Cable, Teal, 2.0m Length |
| IP Rating            | IP67, IP20                                                                                                                                                      |
| Performance Category | 5e                                                                                                                                                              |
| Product Family       | Brad Industrial Ethernet Solutions                                                                                                                              |
| Product Name         | Ultra-Lock 2.0 (M12),Industrial Ethernet                                                                                                                        |
| Protocol             | EtherNet                                                                                                                                                        |
| Type                 | Double Ended                                                                                                                                                    |
| UPC                  | 196823153792                                                                                                                                                    |

#### Agency

|    |         |
|----|---------|
| UL | E361772 |
|----|---------|

#### Electrical

|                               |                |
|-------------------------------|----------------|
| Current - Maximum per Contact | 1.5A           |
| Voltage - Maximum             | 30V AC, 42V DC |

#### Physical

|                      |                      |
|----------------------|----------------------|
| Cable Diameter       | 6.50mm (.256")       |
| Cable Length         | 2.0m (6.56')         |
| Color - Cable Jacket | Teal                 |
| Connector End A      | Ultra-Lock 2.0 (M12) |
| Connector End B      | RJ-45 (standard)     |
| Coupling Style       | Push to Lock         |

|                               |                      |
|-------------------------------|----------------------|
| Gender                        | Female-Male          |
| Keyway                        | D-Coded              |
| LED Indicator                 | No                   |
| Material - Cable Jacket       | TPU                  |
| Material - Connector Body     | TPU                  |
| Material - Contact            | Bronze               |
| Material - Coupling Nut       | Brass                |
| Material - O-Ring             | FPM   Nitrile Rubber |
| Material - Plating Mating     | Gold                 |
| Net Weight                    | 266.556/g            |
| Orientation                   | Straight to Straight |
| Poles                         | 4                    |
| Temperature Range - Operating | -40° to +85°C        |
| Wire/Cable Type               | UL 21215             |
| Wire Size (AWG)               | 24                   |