



Part Number : [1204061042](#)

Product Description : Ultra-Lock 2.0 (M12) Receptacle to RJ-45 Double-Ended Cordset, 4 Poles, Female (Straight) to RJ-45 Male (Straight), PROFINET Cat5e PUR Cable, Green, 1.0m Length

Series Number : 120406

Status : Active

Product Category : Circular Industrial Cordsets

Engineering Number : ERYPAU7012M010




Documents & Resources

Drawings

[Drawing 1204061042_sd.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| China RoHS |  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Reviewed per IEC 61249-2-21 |
| 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

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), PROFINET Cat5e PUR Cable, Green, 1.0m Length |
| IP Rating | IP67, IP20 |
| Performance Category | 5e |
| Product Family | Brad Industrial Ethernet Solutions |
| Product Name | Ultra-Lock 2.0 (M12),Industrial Ethernet |
| Protocol | PROFINET |
| Type | Double Ended |
| UPC | 196823153730 |

Agency

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

Electrical

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

Physical

| | |
|----------------------|----------------------|
| Cable Diameter | 6.80mm (.268") |
| Cable Length | 1.0m (3.28') |
| Color - Cable Jacket | Green |
| 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 | PUR |
| Material - Connector Body | TPU |
| Material - Contact | Bronze |
| Material - Coupling Nut | Brass |
| Material - O-Ring | FPM Nitrile Rubber |
| Material - Plating Mating | Gold |
| Net Weight | 233.997/g |
| Orientation | Straight to Straight |
| Poles | 4 |
| Temperature Range - Operating | -40° to +85°C |
| Wire/Cable Type | UL 21215 |
| Wire Size (AWG) | 22 |