



Part Number : 1200805055

Series Number : 120080

Product Category : Circular Industrial Cordsets

Product Description : Ultra-Lock (M12) Double-Ended Cordset, 4 Poles, Female (Straight) to Male (Straight), 22 AWG, TPE Cable, 3.0m (9.84') Length

Status : Active

Engineering Number : WW4030K05M030

Documents & Resources

Drawings

Drawing 1200805055\_sd.pdf

Product Environment Compliance

Compliance

|                    |              |
|--------------------|--------------|
| China RoHS         | Not Reviewed |
| EU ELV             | Not Reviewed |
| Low-Halogen Status | Not Reviewed |
| REACH SVHC         | Not Reviewed |
| EU RoHS            | Not Reviewed |

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

Part Details

General

|        |        |
|--------|--------|
| Status | Active |
|--------|--------|

|                |                                                                                                                              |
|----------------|------------------------------------------------------------------------------------------------------------------------------|
| Category       | Circular Industrial Cordsets                                                                                                 |
| Series         | 120080                                                                                                                       |
| Description    | Ultra-Lock (M12) Double-Ended Cordset, 4 Poles, Female (Straight) to Male (Straight), 22 AWG, TPE Cable, 3.0m (9.84') Length |
| IP Rating      | IP69K                                                                                                                        |
| Product Family | Brad Ultra-Lock Connection System                                                                                            |
| Product Name   | Ultra-Lock (M12)                                                                                                             |
| Protocol       | PROFINET                                                                                                                     |
| Region         | America                                                                                                                      |
| Type           | Double Ended                                                                                                                 |
| UPC            | 78172509210                                                                                                                  |

## Agency

|     |        |
|-----|--------|
| CSA | LR6837 |
|-----|--------|

## Electrical

|                               |            |
|-------------------------------|------------|
| Current - Maximum per Contact | 4.0A       |
| Voltage - Maximum             | 250V AC/DC |

## Physical

|                           |                     |
|---------------------------|---------------------|
| Cable Diameter            | 5.30mm (.209")      |
| Cable Length              | 3.0m (9.84')        |
| Color - Cable Jacket      | Yellow              |
| Connector End A           | Ultra-Lock (M12)    |
| Connector End B           | Ultra-Lock (M12)    |
| Coupling Style            | Push to Lock        |
| Gender                    | Female-Male         |
| Keyway                    | Single              |
| LED Indicator             | No                  |
| Material - Cable Jacket   | TPE                 |
| Material - Connector Body | PUR                 |
| Material - Contact        | Copper Alloy        |
| Material - Coupling Nut   | Nickel-plated Brass |
| Material - O-Ring         | Fluoro-elastomer    |

|                               |                      |
|-------------------------------|----------------------|
| Material - Plating Mating     | Gold                 |
| Orientation                   | Straight to Straight |
| Poles                         | 4                    |
| Temperature Range - Operating | -20° to +105°C       |
| Wire/Cable Type               | PLTC-ER              |
| Wire Size (AWG)               | 22                   |