**Part Number :** 1200280462
**Product Description :** Nano-Change (M8) Double-Ended Cordset with Knurled Hexnut, 3 Poles, A-Coded, Male (Straight) to Female (Straight), 24 AWG, Black PVC Cable, 5.0m (16.40') Length
**Series Number :** 120028
**Status :** Active
**Product Category :** Circular Industrial Cordsets
**Engineering Part Number :** 443030E02M050



## Documents & Resources

### Drawings

1200280462_sd.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Contains Lead per D(2025)4165-DC (25 June 2025) |
| EU RoHS | Compliant with Exemption 6(c) per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

UKCA - Declaration of Conformity

CE - Declaration of Conformity

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Circular Industrial Cordsets |
| Series | 120028 |
| Description | Nano-Change (M8) Double-Ended Cordset with Knurled Hexnut, 3 Poles, A-Coded, Male (Straight) to Female (Straight), 24 AWG, Black PVC Cable, 5.0m (16.40') Length |
| IP Rating | IP67 |
| Product Name | Nano-Change (M8) |
| Protocol | N/A |
| Type | Double Ended |
| UPC | 883906026578 |

### Agency

| | |
|---|---|
| UL | E152210 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum | 60V AC / 75V DC |

### Physical

| | |
|---|---|
| Cable Diameter | 5.00mm (.197") |
| Cable Length | 5.0m (16.40') |
| Color - Cable Jacket | Black |

| | |
|---|---|
| Connector End A | Nano-Change (M8) |
| Connector End B | Nano-Change (M8) |
| Coupling Style | Threaded |
| Gender | Female-Male |
| Keyway | A-Coded |
| LED Indicator | None |
| Material - Cable Jacket | PVC |
| Material - Connector Body | PUR |
| Material - Contact | Copper Alloy |
| Material - Coupling Nut | Nickel-plated Brass |
| Material - O-Ring | Fluoro-elastomer |
| Material - Plating Mating | Gold |
| Net Weight | 164.900/g |
| Orientation | Straight to Straight |
| Poles | 3 |
| Temperature Range - Operating | -25° to +80°C |
| Wire/Cable Type | UL 2464 |
| Wire Size (AWG) | 24 |