



Part Number : [1200878244](#)

Product Description : Nano-Change (M8) Double-Ended Cordset with Knurled Hexnut, 5 Poles, B-Coded, Male (Straight) to Female (90°), 24 AWG, Black PVC Cable, 5.0m (16.40') Length

Series Number : 120087

Status : Active

Product Category : Circular Industrial Cordsets

Engineering Part Number : 445031E02M050




Documents and Resources

Drawings

[1200878244_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

Part Details

General

| | |
|--------------|---|
| Status | Active |
| Category | Circular Industrial Cordsets |
| Series | 120087 |
| Description | Nano-Change (M8) Double-Ended Cordset with Knurled Hexnut, 5 Poles, B-Coded, Male (Straight) to Female (90°), 24 AWG, Black PVC Cable, 5.0m (16.40') Length |
| IP Rating | IP67 |
| Product Name | Nano-Change (M8) |
| Type | Double Ended |
| UPC | 78172511678 |

Electrical

| | |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum | 30V AC / 36V DC |

Physical

| | |
|----------------------|------------------|
| Cable Diameter | 5.30mm (.209") |
| 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 | B-Coded |
| LED Indicator | None |
| Material - Cable Jacket | PVC |
| Material - Connector Body | TPU |
| Material - Contact | Brass |
| Material - Coupling Nut | Nickel-plated Brass |
| Material - O-Ring | FKM |
| Material - Plating Mating | Gold |
| Net Weight | 221.802/g |
| Orientation | 90° to Straight |
| Poles | 5 |
| Temperature Range - Operating | -25° to +80°C |
| Wire/Cable Type | UL 2464 |
| Wire Size (AWG) | 24 |

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