molex



**Part Number :** 1200878785
**Product Description :** Micro-Change (M12) to Nano-Change (M8) Double-Ended Cordset with Knurled Hexnut, 3 Poles, Female (Straight) to Male (Straight), 24 AWG, WSOR Cable, 5.0m (16.40') Length
**Series Number :** 120087
**Status :** Active
**Product Category :** Circular Industrial Cordsets
**Engineering Part Number :** 483030B41M050

## Documents & Resources

### Drawings

1200878785_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 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

CE - Declaration of Conformity

UKCA - Declaration of Conformity

---

## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Circular Industrial Cordsets |
| Series | 120087 |
| Description | Micro-Change (M12) to Nano-Change (M8) Double-Ended Cordset with Knurled Hexnut, 3 Poles, Female (Straight) to Male (Straight), 24 AWG, WSOR Cable, 5.0m (16.40') Length |
| IP Rating | IP67 |
| Product Name | Micro-Change (M12),Nano-Change (M8) |
| Protocol | N/A |
| Type | Double Ended |
| UPC | 889056132503 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 3.0A, 4.0A |
| Voltage - Maximum | 60V |

### Physical

| | |
|---|---|
| Cable Diameter | 4.50mm (.177") |
| Cable Length | 5.0m (16.40') |
| Color - Cable Jacket | Black |
| Connector End A | Micro-Change (M12) |
| Connector End B | Nano-Change (M8) |

| | |
|---|---|
| Coupling Style | Knurled Hexnut, Threaded |
| Gender | Female-Male |
| Keyway | Single |
| LED Indicator | None |
| Material - Cable Jacket | TPU |
| Material - Connector Body | TPU |
| Material - Contact | Brass |
| Material - Coupling Nut | Nickel-plated Brass |
| Material - Plating Mating | Gold |
| Net Weight | 155.249/g |
| Orientation | Straight to Straight |
| Poles | 3 |
| Temperature Range - Operating | -25° to +85°C |
| Wire/Cable Type | WSOR |
| Wire Size (AWG) | 24 |