



Part Number : [1200868554](#)

Product Description : Nano-Change (M8) to Micro-Change (M12) Double-Ended Cordset, 3 Poles, Female (90°) to Male (Straight), 24 AWG, TPE Cable, 5.0m (16.40') Length

Series Number : 120087

Status : Active

Product Category : Circular Industrial Cordsets

Engineering Part Number : 483031K05M050




Documents and Resources

Drawings

[1200868554_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(2024)7663-DC (21 Jan 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

Part Details

General

| | |
|--------------|--|
| Status | Active |
| Category | Circular Industrial Cordsets |
| Series | 120087 |
| Description | Nano-Change (M8) to Micro-Change (M12) Double-Ended Cordset, 3 Poles, Female (90°) to Male (Straight), 24 AWG, TPE Cable, 5.0m (16.40') Length |
| IP Rating | IP68 |
| Product Name | Micro-Change (M12), Nano-Change (M8) |
| Protocol | N/A |
| Type | Double Ended |
| UPC | 78172540919 |

Electrical

| | |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 4.0A |
| Voltage - Maximum | 60V AC / 75V DC |

Physical

| | |
|----------------------|--------------------|
| Cable Diameter | N/A |
| Cable Length | 5.0m (16.40') |
| Color - Cable Jacket | Yellow |
| Connector End A | Nano-Change (M8) |
| Connector End B | Micro-Change (M12) |
| Coupling Style | Threaded |
| Gender | Female-Male |

| | |
|-------------------------------|-------------------------|
| Keyway | None |
| LED Indicator | None |
| Material - Cable Jacket | TPE |
| Material - Connector Body | Thermoplastic Elastomer |
| Material - Contact | Copper Alloy |
| Material - Coupling Nut | Nickel-plated Brass |
| Material - O-Ring | Fluoro-elastomer |
| Material - Plating Mating | Gold |
| Net Weight | 1.000/g |
| Orientation | 90° to Straight |
| Poles | 3 |
| Temperature Range - Operating | -25° to +80°C |
| Wire/Cable Type | PLTC |
| Wire Size (AWG) | 22 |

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