



**Part Number :** [1200910006](#)  
**Product Description :** Nano-Change (M8)  
Attachable Connectors, 90° Angle Male, 3  
Poles  
**Series Number :** 120091  
**Status :** Active  
**Product Category :** Circular Industrial  
Connectors  
**Engineering Number :** N03MA04124



## Documents & Resources

**Drawings**  
[1200910006\\_sd.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                          |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                        |
| REACH SVHC         | Not Contained per D(2023)8585-DC<br>(23 Jan 2024)                                     |
| EU RoHS            | Compliant with Exemption 6(c) per<br>EU 2015/863                                      |

### 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)

## Part Details

### General

|              |                                                                 |
|--------------|-----------------------------------------------------------------|
| Status       | Active                                                          |
| Category     | Circular Industrial Connectors                                  |
| Series       | 120091                                                          |
| Description  | Nano-Change (M8) Attachable Connectors, 90° Angle Male, 3 Poles |
| IP Rating    | IP67                                                            |
| Product Name | Nano-Change (M8)                                                |
| Type         | Field Attachable Connector                                      |
| UPC          | 78678832512                                                     |

### Electrical

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

### Physical

|                               |                     |
|-------------------------------|---------------------|
| Cable Diameter                | N/A                 |
| Coupling Type                 | External Thread     |
| Diagnostics / LEDs            | No                  |
| Diagnostics Port              | No                  |
| Gender                        | Male                |
| Keyway                        | None                |
| Material - Connector Body     | Polyamide           |
| Material - Contact            | Copper Alloy        |
| Material - Coupling Nut       | Nickel-plated Brass |
| Material - Plating Mating     | Gold                |
| Net Weight                    | 15.422/g            |
| Orientation                   | 90° Angle           |
| Poles                         | 3                   |
| Temperature Range - Operating | 0°C to +80°C        |
| Wire Size (AWG)               | N/A                 |

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