



**Part Number :** [1200910009](#)  
**Product Description :** Nano-Change (M8) Attachable  
Connectors, 90° Angle Female, 4 Poles  
**Series Number :** 120091  
**Status :** Active  
**Product Category :** Circular Industrial Connectors  
**Engineering Number :** N04FA04124

Documents & Resources

**Drawings**  
[1200910009 sd.pdf](#)



Product Environment Compliance

Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                                 |
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                                 |
| Low-Halogen Status | Not Low-Halogen per IEC<br>61249-2-21                                                                        |
| REACH SVHC         | Contains Lead per D(2025)4165-DC<br>(25 June 2025)                                                           |
| EU RoHS            | Compliant with Exemption 6(c) per<br>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 Connectors                                    |
| Series       | 120091                                                            |
| Description  | Nano-Change (M8) Attachable Connectors, 90° Angle Female, 4 Poles |
| IP Rating    | IP67                                                              |
| Product Name | Nano-Change (M8)                                                  |
| Type         | Field Attachable Connector                                        |
| UPC          | 78678832514                                                       |

### Electrical

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

### Physical

|                           |                          |
|---------------------------|--------------------------|
| Cable Diameter            | 3.50-5.00mm (.138-.197") |
| Coupling Type             | Internal Thread          |
| Diagnostics / LEDs        | No                       |
| Diagnostics Port          | No                       |
| Gender                    | Female                   |
| Keyway                    | None                     |
| Material - Connector Body | Nylon                    |
| Material - Contact        | Copper Alloy             |
| Material - Coupling Nut   | Nickel-plated Brass      |
| Material - Plating Mating | Gold                     |

|                               |              |
|-------------------------------|--------------|
| Net Weight                    | 9.525/g      |
| Orientation                   | 90° Angle    |
| Poles                         | 4            |
| Temperature Range - Operating | 0°C to +80°C |
| Wire Size (AWG)               | N/A          |

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