



**Part Number :** [1200910001](#)  
**Product Description :** Nano-Change (M8)  
Attachable Connectors, Straight Female, 3  
Poles  
**Series Number :** 120091  
**Status :** Active  
**Product Category :** Circular Industrial  
Connectors  
**Engineering Number :** N03FA03124



## Documents & Resources

**Drawings**  
[Drawing 1200910001\\_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         | Contains Lead per D(2023)3788-DC (14 Jun 2023)                                        |
| EU RoHS            | Compliant with Exemption 6(c); 6(c) per 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)

## EU RoHS Certificate of Compliance

ZZCERT\_UKCA - Declaration of Conformity : CER\_4000410285\_00\_000.pdf

ZZCERT\_CE - Declaration of Conformity : CER\_4000408918\_00\_000.pdf

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## Part Details

### General

|                |                                                                  |
|----------------|------------------------------------------------------------------|
| Status         | Active                                                           |
| Category       | Circular Industrial Connectors                                   |
| Series         | 120091                                                           |
| Description    | Nano-Change (M8) Attachable Connectors, Straight Female, 3 Poles |
| IP Rating      | IP67                                                             |
| Product Family | Brad Nano-Change (M8) Products                                   |
| Product Name   | Nano-Change (M8)                                                 |
| Type           | Field Attachable Connector                                       |
| UPC            | 78678832510                                                      |

### 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                | 7.651/g                  |
| Orientation               | Straight                 |
| Poles                     | 3                        |

|                               |              |
|-------------------------------|--------------|
| Temperature Range - Operating | 0°C to +80°C |
| Wire Size (AWG)               | N/A          |

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