



Part Number : [1200910024](#)

Product Description : Nano-Change (M8) Field Attachable Connector, 3 Poles, Straight, Female, Unshielded, Screw Termination, Cable Diameter 3.50-5.00mm

Series Number : 120091

Status : Active

Product Category : Circular Industrial Connectors

Engineering Part Number : N03FA03134




Documents and Resources

Drawings

[1200910024_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 | Not Contained per ED/21/2016 (20 June 2016) |
| 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 Connectors |
| Series | 120091 |
| Description | Nano-Change (M8) Field Attachable Connector, 3 Poles, Straight, Female, Unshielded, Screw Termination, Cable Diameter 3.50-5.00mm |
| Approvals | cCSAus certified |
| IP Rating | IP67 |
| Product Name | Nano-Change (M8) |
| Type | Field Attachable Connector |
| UPC | 889056411943 |

Electrical

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

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 | PA |
| Material - Contact | Brass |
| Material - Coupling Nut | Zinc Die-Cast, Nickel-Plated |
| Material - Plating Mating | Gold |
| Net Weight | 8.500/g |
| Orientation | Straight |
| Poles | 3 |
| Temperature Range - Operating | -40° to +85°C |
| Wire Size (AWG) | 20-26 |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|---|-------------------|
| Nano-Change (M8) Field Attachable Connector, 3 Poles, Straight, Male, Unshielded, Screw Termination, Cable Diameter 3.50-5.00mm | <u>1200910023</u> |

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