



Part Number : [1200910029](#)

Product Description : Nano-Change (M8) Field Attachable Connector, 4 Poles, Straight, Male, Unshielded, IDC Termination, Cable Diameter 2.50-5.20mm

Series Number : 120091

Status : Active

Product Category : Circular Industrial Connectors

Engineering Number : N04MA03144



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## Documents & Resources

### Drawings

[1200910029\\_sd.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Reviewed per IEC 61249-2-21
REACH SVHC	Not Reviewed per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant with Exemption 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

## Part Details

### General

Status	Active
Category	Circular Industrial Connectors
Series	120091
Description	Nano-Change (M8) Field Attachable Connector, 4 Poles, Straight, Male, Unshielded, IDC Termination, Cable Diameter 2.50-5.20mm
Approvals	cCSAus certified
IP Rating	IP67
Product Name	Nano-Change (M8)
Type	Field Attachable Connector
UPC	889056508469

### Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	30V

### Physical

Cable Diameter	2.50-5.20mm (.098-.205")
Coupling Type	External Thread
Diagnostics / LEDs	No
Diagnostics Port	No
Gender	Male
Keyway	None
Material - Connector Body	PA
Material - Contact	Copper Alloy
Material - Coupling Nut	Zinc Die-Cast, Nickel-Plated
Material - Plating Mating	Gold
Net Weight	44.000/g
Orientation	Straight
Poles	4

Temperature Range - Operating	-25°C to +80°C
Wire Size (AWG)	20-24

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Nano-Change (M8) Field Attachable Connector, 4 Poles, Straight, Female, Unshielded, IDC Termination, Cable Diameter 2.50-5.20mm	<u>1200910030</u>

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