molex



Part Number : 1200910023
Product Description : Nano-Change (M8) Field Attachable Connector, 3 Poles, Straight, Male, Unshielded, Screw Termination, Cable Diameter 3.50-5.00mm
Series Number : 120091
Status : Active
Product Category : Circular Industrial Connectors
Engineering Part Number : N03MA03134

Documents & Resources

Drawings

1200910023_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	Contains Lead; Imidazolidine-2-thione per D(2025)4165-DC (25 June 2025)
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, Male, 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	889056411936

Electrical

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

Physical

Cable Diameter	3.50-5.00mm (.138-.197")
Coupling Type	External Thread
Diagnostics / LEDs	No
Diagnostics Port	No
Gender	Male
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, Female, Unshielded, Screw Termination, Cable Diameter 3.50-5.00mm	1200910024