molex

Part Number : 1200910004
Product Description : Nano-Change (M8) Attachable Connectors, Straight Male, 3 Poles
Series Number : 120091
Status : Active
Product Category : Circular Industrial Connectors
Engineering Number : N03MA03124

Documents & Resources

Drawings
1200910004_sd.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	25
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Lead; Imidazolidine-2-thione 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
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Circular Industrial Connectors
Series	120091
Description	Nano-Change (M8) Attachable Connectors, Straight Male, 3 Poles
IP Rating	IP67
Product Name	Nano-Change (M8)
Type	Field Attachable Connector
UPC	78678832308

Electrical

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

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	Polyamide
Material - Contact	Brass
Material - Coupling Nut	Nickel-plated Brass
Material - Plating Mating	Gold
Net Weight	8.260/g
Orientation	Straight
Poles	3

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

Solder Process Data

Lead-Free Process Capability	N/A