Part Number : 1200910027
Product Description : Nano-Change (M8) Field Attachable Connector, 3 Poles, Straight, Male, Unshielded, IDC Termination, Cable Diameter 2.50-5.20mm
Series Number : 120091
Status : Active
Product Category : Circular Industrial Connectors
Engineering Part Number : N03MA03144

Documents and Resources

Drawings

1200910027_sd.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	Not Reviewed per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Reviewed per IEC 61249-2-21
REACH SVHC	Not Reviewed per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Not Reviewed 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

Part Details

General

Status	Active
Category	Circular Industrial Connectors
Series	120091
Description	Nano-Change (M8) Field Attachable Connector, 3 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	889056508445

Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	60V

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	147.220/g
Orientation	Straight
Poles	3
Temperature Range - Operating	-25°C to +80°C
Wire Size (AWG)	20-24

Mates With / Use With

Mates with Part(s)

Description	Part Number
Nano-Change (M8) Field Attachable Connector, 3 Poles, Straight, Female, Unshielded, IDC Termination, Cable Diameter 2.50-5.20mm	1200910028