



Part Number : 1200310046

Product Description : Nano-Change (M8)

Receptacle, 3 Poles, M8 x 1.0 Mounting Threads,
Female (Straight) to 22 AWG Leads, 0.30m (11.81")
Length

Series Number : 120031

Status : Active

Product Category : Circular Industrial Connectors

Engineering Number : 4R3H40E02C3003

Documents & Resources

Drawings

[1200310046_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; Lead monoxide; Triphenyl-phosphate 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

UKCA - Declaration of Conformity

CE - Declaration of Conformity

Part Details

General

Status	Active
Category	Circular Industrial Connectors
Series	120031
Description	Nano-Change (M8) Receptacle, 3 Poles, M8 x 1.0 Mounting Threads, Female (Straight) to 22 AWG Leads, 0.30m (11.81") Length
IP Rating	IP67
NEMA Rating	NEMA 6
Product Name	Nano-Change (M8)
Type	Single Ended (pigtail)
UPC	883906177904

Agency

UL	E152210
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Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	60V AC / 75V DC

Physical

Coupling Type	Internal Thread
Gender	Female
Keyway	None

Length	0.30m
Material - Component	Nickel-plated Brass
Mounting Thread Size	M8 x 1.0
Net Weight	14.615/g
Orientation	Straight
Panel Mount	Back
Poles	3
Temperature Range - Operating	-25° to +90°C
Wire/Cable Type	Leads
Wire Size (AWG)	24

This document was generated on Sep 11, 2025