



Part Number : [1200905080](#)

Product Description : Nano-Change (M8) Receptacle, 5 Poles, B-Coded, M8 x 1.0 Mounting Threads, Male (Straight) with Back Mounting Pins

Series Number : 120090

Status : Active

Product Category : Circular Industrial Connectors

Engineering Number : 4R5F46000



Documents & Resources

Drawings

[1200905080_sd.pdf](#)

3D Models and Design Files

[1200905080_stp.zip](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Lead 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	120090
Description	Nano-Change (M8) Receptacle, 5 Poles, B-Coded, M8 x 1.0 Mounting Threads, Male (Straight) with Back Mounting Pins
IP Rating	IP67
NEMA Rating	NEMA 6
Product Name	Nano-Change (M8)
Type	Bulkhead Feed-Through
UPC	883906784577

Electrical

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

Physical

Coupling Type	External Thread
Gender	Male
Keyway	B-Coded
Length	N/A
Material - Component	Nickel-plated Brass
Mounting Thread Size	M8 x 1.0
Net Weight	4.120/g
Orientation	Straight
Panel Mount	Front
Poles	5
Temperature Range - Operating	-25° to +90°C

Wire/Cable Type	N/A
Wire Size (AWG)	N/A

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