molex



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 Part Number : 4R5F46000

Documents and Resources

Drawings

1200905080_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Lead per D(2025)7771-DC (04 Feb 2026) SCIP:a0cee400-8cce-4387-9ba9-760d569254b3
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC

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- 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	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

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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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