



Part Number : [1200905081](#)

Product Description : Nano-Change (M8) Receptacle, 5 Poles, B-Coded, M8 x 1.0 Mounting Threads, Male (Straight) to Leads, Back Panel Mount, 0.20m (7.87") Length

Series Number : 120090

Status : Active

Product Category : Circular Industrial Connectors

Engineering Number : 4R5F46E02C200



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## Documents & Resources


### Drawings

[1200905081\\_sd.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Lead; Triphenyl-phosphate 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

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## 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) to Leads, Back Panel Mount, 0.20m (7.87") Length
IP Rating	IP67
NEMA Rating	NEMA 6
Product Name	Nano-Change (M8)
Type	Single Ended (pigtail)
UPC	883906688493

### Agency

CSA	LR6837
UL	E152210

### Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	30V AC / 36V DC

### Physical

Coupling Type	External Thread
Gender	Male
Keyway	B-Coded
Length	0.20m
Material - Component	Nickel-plated Brass
Mounting Thread Size	M8 x 1.0

Net Weight	8.500/g
Orientation	Straight
Panel Mount	Back
Poles	5
Temperature Range - Operating	-25° to +90°C
Wire/Cable Type	UL 1569
Wire Size (AWG)	24

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