



Part Number : [1200900037](#)

Product Description : Nano-Change (M8) Receptacle, 5 Poles, B-Coded, M8 x 0.5 Mounting Threads, Female (Straight) to 24 AWG Leads, 0.30m (11.81") Length

Series Number : 120090

Status : Active

Product Category : Circular Industrial Connectors

Engineering Number : 4R5P00A27C300



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## Documents & Resources


### Drawings

[1200900037\\_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; Lead monoxide per D(2024)6225-DC (07 Nov 2024)    |
| 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 0.5 Mounting Threads, Female (Straight) to 24 AWG Leads, 0.30m (11.81") Length |
| IP Rating    | IP67   |
| NEMA Rating  | NEMA 6   |
| Product Name | Nano-Change (M8)   |
| Type         | Single Ended (pigtail)   |
| UPC          | 78678833576  |

### Agency

|    |        |
|----|--------|
| UL | E46237 |
|----|--------|

### Electrical

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

### Physical

|                      |                     |
|----------------------|---------------------|
| Coupling Type        | Internal Thread     |
| Gender               | Female              |
| Keyway               | B-Coded             |
| Length               | 0.30m               |
| Material - Component | Nickel-plated Brass |
| Mounting Thread Size | M8 x 0.5            |
| Net Weight           | 9.000/g             |
| Orientation          | Straight            |

|                               |                |
|-------------------------------|----------------|
| Panel Mount                   | Front          |
| Poles                         | 5              |
| Temperature Range - Operating | -20° to +105°C |
| Wire/Cable Type               | UL 1569        |
| Wire Size (AWG)               | 24             |

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