



**Part Number :** [1200905104](#)

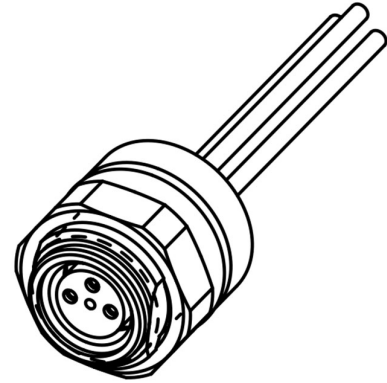
**Product Description :** Nano-Change (M8) Receptacle, 3 Poles, A-Coded, M8 x 1.0 Mounting Threads, Female (Straight) to Leads, Back Panel Mount, 0.20m (7.87") Length

**Series Number :** 120090

**Status :** Active

**Product Category :** Circular Industrial Connectors

**Engineering Number :** 4R3L40E02C200



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## Documents & Resources

### Drawings

[1200905104\\_sd.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |  |
|--------------------|--|
| GADSL/IMDS         | Not Relevant                                   |
| China RoHS         | Not Relevant                                   |
| EU ELV             | Not Reviewed per 2000/53/EC                    |
| Low-Halogen Status | Not Relevant                                   |
| REACH SVHC         | Contains Lead per D(2023)3788-DC (14 Jun 2023) |
| 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

## Part Details

### General

|              |  |
|--------------|--|
| Status       | Active   |
| Category     | Circular Industrial Connectors   |
| Series       | 120090   |
| Description  | Nano-Change (M8) Receptacle, 3 Poles, A-Coded, M8 x 1.0 Mounting Threads, Female (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          | 883906784706   |

### Electrical

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

### Physical

|                               |                     |
|-------------------------------|---------------------|
| Coupling Type                 | Internal Thread     |
| Gender                        | Female              |
| Keyway                        | A-Coded             |
| Length                        | 0.20m               |
| Material - Component          | Nickel-plated Brass |
| Mounting Thread Size          | M8 x 1.0            |
| Net Weight                    | 82.000/g            |
| Orientation                   | Straight            |
| Panel Mount                   | Back                |
| Poles                         | 3                   |
| Temperature Range - Operating | -25° to +85°C       |
| Wire/Cable Type               | UL 1569             |

|                 |    |
|-----------------|----|
| Wire Size (AWG) | 24 |
|-----------------|----|

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