**Part Number :** 1200905073
**Product Description :** Nano-Change (M8) Receptacle, 3 Poles, A-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 :** Industrial Connectors
**Engineering Part Number :** 4R3F46E02C200



## Documents and Resources

### Drawings

1200905073_sd.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | per SJ/T 11365-2006 |
| 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(2025)4165-DC (25 June 2025) |
| EU RoHS | Compliant with Exemption 6(c) per EU 2015/863 |

Compliance Statements
- EU RoHS
- REACH SVHC
- 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

UKCA - Declaration of Conformity

CE - Declaration of Conformity

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Industrial Connectors |
| Series | 120090 |
| Description | Nano-Change (M8) Receptacle, 3 Poles, A-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 | 883906784508 |

### Agency

| | |
|---|---|
| UL | E152210 |

### Electrical

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

### Physical

| | |
|---|---|
| Coupling Type | External Thread |
| Gender | Male |
| Keyway | A-Coded |

| | |
|---|---|
| Length | 0.20m |
| Material - Component | Nickel-plated Brass |
| Mounting Thread Size | M8 x 1.0 |
| Net Weight | 70.830/g |
| Orientation | Straight |
| Panel Mount | Back |
| Poles | 3 |
| Temperature Range - Operating | -25° to +90°C |
| Wire/Cable Type | UL 1569 |
| Wire Size (AWG) | 24 |