



**Part Number :** [1200905001](#)  
**Product Description :** Nano-Change (M8)  
Receptacle, PG7 Mounting Threads, Female  
(Straight), PCB Mount, 3 Poles  
**Series Number :** 120090  
**Status :** Active  
**Product Category :** Circular Industrial  
Connectors  
**Engineering Number :** 4R3H400013




## Documents & Resources

**Drawings**  
[1200905001\\_sd.pdf](#)

## Product Environment Compliance

### Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Not Relevant  |
| China RoHS         |  |
| EU ELV             | Not Relevant  |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21  |
| 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
- chemSHERPA (xml)

## Part Details

### General

|              |  |
|--------------|--|
| Status       | Active   |
| Category     | Circular Industrial Connectors   |
| Series       | 120090   |
| Description  | Nano-Change (M8) Receptacle, PG7 Mounting Threads, Female (Straight), PCB Mount, 3 Poles |
| IP Rating    | IP67   |
| NEMA Rating  | NEMA 6   |
| Product Name | Nano-Change (M8)   |
| Type         | PCB Mount  |
| UPC          | 883906269807   |

### Electrical

|                               |                 |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 4.0A            |
| Voltage - Maximum             | 60V AC / 75V DC |

### Physical

|                               |                     |
|-------------------------------|---------------------|
| Coupling Type                 | Internal Thread     |
| Gender                        | Female              |
| Keyway                        | None                |
| Length                        | N/A                 |
| Material - Component          | Nickel-plated Brass |
| Mounting Thread Size          | PG7                 |
| Orientation                   | Straight            |
| Panel Mount                   | Back                |
| Poles                         | 3                   |
| Temperature Range - Operating | -25° to +90°C       |
| Wire/Cable Type               | N/A                 |
| Wire Size (AWG)               | 24                  |

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