



**Part Number :** [1200710089](#)

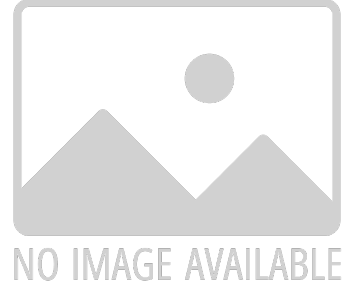
**Product Description :** Micro-Change (M12)  
Field Attachable Connector, 4 Poles, Straight,  
Female, Unshielded, IDC Termination, Cable  
Diameter 4.00-8.00mm

**Series Number :** 120071

**Status :** Active

**Product Category :** Circular Industrial  
Connectors

**Engineering Number :** 8A4000-52



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## Documents & Resources

### Drawings

[1200710089\\_sd.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |  |
|--------------------|--|
| GADSL/IMDS         | Not Relevant                                     |
| China RoHS         |  |
| EU ELV             | Not Relevant                                     |
| Low-Halogen Status | Not Reviewed per IEC 61249-2-21                  |
| REACH SVHC         | Not Reviewed per D(2024)6225-DC<br>(07 Nov 2024) |
| EU RoHS            | Compliant 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       | 120071  |
| Description  | Micro-Change (M12) Field Attachable Connector, 4 Poles, Straight, Female, Unshielded, IDC Termination, Cable Diameter 4.00-8.00mm |
| Approvals    | cRUus - UL Recognized   |
| IP Rating    | IP67  |
| Product Name | Micro-Change (M12)  |
| Type         | Field Attachable Connector  |
| UPC          | 889056509954  |

### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 4.0A |
| Voltage - Maximum             | 250V |

### Physical

|                           |                              |
|---------------------------|------------------------------|
| Cable Diameter            | 4.00-8.00mm (.157-.315")     |
| Coupling Type             | Internal Thread              |
| Diagnostics / LEDs        | No                           |
| Diagnostics Port          | No                           |
| Gender                    | Female                       |
| Keyway                    | Single                       |
| Material - Connector Body | PA                           |
| Material - Contact        | Copper Alloy                 |
| Material - Coupling Nut   | Zinc Die-Cast, Nickel-Plated |
| Material - Plating Mating | Gold                         |
| Net Weight                | 14.000/g                     |
| Orientation               | Straight                     |

|                               |                |
|-------------------------------|----------------|
| Poles                         | 4              |
| Temperature Range - Operating | -25°C to +80°C |
| Wire Size (AWG)               | 18-22          |

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## Mates With / Use With

### Mates with Part(s)

| Description   | Part Number       |
|---|-------------------|
| Micro-Change (M12) Field Attachable Connector, 4 Poles, Straight, Male, Unshielded, IDC Termination, Cable Diameter 4.00-8.00mm | <u>1200710088</u> |