



**Part Number :** [1200710087](#)  
**Product Description :** Micro-Change (M12)  
Field Attachable Connector, 4 Poles, Straight,  
Female, Unshielded, IDC Termination, Cable  
Diameter 3.50-6.00mm  
**Series Number :** 120071  
**Status :** Active  
**Product Category :** Circular Industrial  
Connectors  
**Engineering Number :** 8A4000-51



Documents & Resources

Drawings  
[Drawing 1200710087\\_sd.pdf](#)

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(2023)3788-DC (14 Jun 2023)                                         |
| 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

- chemSHERPA (xml)

EU RoHS Certificate of Compliance

ZZCERT\_CE - Declaration of Conformity : CER\_4000410038\_00\_000.pdf

ZZCERT\_UKCA - Declaration of Conformity : CER\_4000410298\_00\_000.pdf

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## 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 3.50-6.00mm |
| Approvals      | cRUus - UL Recognized                                                                                                             |
| IP Rating      | IP67                                                                                                                              |
| Product Family | Brad Micro-Change (M12) Connectors                                                                                                |
| Product Name   | Micro-Change (M12)                                                                                                                |
| Type           | Field Attachable Connector                                                                                                        |
| UPC            | 889056509527                                                                                                                      |

### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 4.0A |
| Voltage - Maximum             | 125V |

### Physical

|                           |                              |
|---------------------------|------------------------------|
| Cable Diameter            | 3.50-6.00mm (.138-.236")     |
| 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                    | 18.000/g       |
| Orientation                   | Straight       |
| Poles                         | 4              |
| Temperature Range - Operating | -25°C to +80°C |
| Wire Size (AWG)               | 22-26          |

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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 3.50-6.00mm | <u>1200710086</u> |