



**Part Number :** [1201000002](#)  
**Product Description :** Micro-Change (M12)  
Field Attachable Connector, PROFIBUS  
Shielded, Straight Male  
**Series Number :** 120100  
**Status :** Active  
**Product Category :** Circular Industrial  
Connectors  
**Engineering Number :** BA5S06-32



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## Documents & Resources

### Drawings

[Drawing 1201000002\\_sd.pdf](#)

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## 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         | Not Contained per ED/01/2018 (15 January 2018) |
| 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         | 120100  |
| Description    | Micro-Change (M12) Field Attachable Connector, PROFIBUS Shielded, Straight Male |
| IP Rating      | IP67  |
| Product Family | PROFIBUS Solutions  |
| Product Name   | Micro-Change (M12),PROFIBUS   |
| Type           | Field Attachable Connector  |
| UPC            | 78678850052   |

### Electrical

|                               |            |
|-------------------------------|------------|
| Current - Maximum per Contact | 4.0A       |
| Voltage - Maximum             | 250V AC/DC |

### Physical

|                               |                     |
|-------------------------------|---------------------|
| Cable Diameter                | N/A                 |
| Coupling Type                 | External Thread     |
| Diagnostics / LEDs            | No                  |
| Diagnostics Port              | No                  |
| Gender                        | Male                |
| Keyway                        | Reverse             |
| Material - Connector Body     | N/A                 |
| Material - Contact            | Brass               |
| Material - Coupling Nut       | Nickel-plated Brass |
| Material - Plating Mating     | Silver              |
| Net Weight                    | 48.534/g            |
| Orientation                   | Straight            |
| Poles                         | 5                   |
| Temperature Range - Operating | -25°C to +90°C      |

|                 |    |
|-----------------|----|
| Wire Size (AWG) | 22 |
|-----------------|----|

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