



**Part Number :** [1200710033](#)  
**Product Description :** Micro-Change (M12)  
Field Attachable Connector, 4 Poles, Straight,  
Female, Shielded, Screw Termination, Cable  
Diameter 6.00-8.00mm  
**Series Number :** 120071  
**Status :** Active  
**Product Category :** Circular Industrial  
Connectors  
**Engineering Number :** 8A4S00-32



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## Documents & Resources

**Drawings**  
[Drawing 1200710033\\_sd.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |                                                |
|--------------------|------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                   |
| China RoHS         | Not Reviewed per SJ/T 11365-2006               |
| EU ELV             | Not Relevant                                   |
| Low-Halogen Status | Not Reviewed per IEC 61249-2-21                |
| REACH SVHC         | Not Contained per ED/01/2018 (15 January 2018) |
| EU RoHS            | Not Reviewed 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, Shielded, Screw Termination, Cable Diameter 6.00-8.00mm |
| Approvals      | cRUus - UL Recognized                                                                                                             |
| IP Rating      | IP67                                                                                                                              |
| Product Family | Brad Micro-Change (M12) Connectors                                                                                                |
| Product Name   | Micro-Change (M12)                                                                                                                |
| Type           | Field Attachable Connector                                                                                                        |
| UPC            | 889056413176                                                                                                                      |

### Electrical

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

### Physical

|                           |                          |
|---------------------------|--------------------------|
| Cable Diameter            | 6.00-8.00mm (.236-.315") |
| Coupling Type             | Internal Thread          |
| Diagnostics / LEDs        | No                       |
| Diagnostics Port          | No                       |
| Gender                    | Female                   |
| Keyway                    | Single                   |
| Material - Connector Body | Zinc Die-Cast            |
| Material - Contact        | Brass                    |
| Material - Coupling Nut   | Brass                    |
| Material - Plating Mating | Gold                     |
| Net Weight                | 45.000/g                 |

|                               |                |
|-------------------------------|----------------|
| Orientation                   | Straight       |
| Poles                         | 4              |
| Temperature Range - Operating | -40°C to +85°C |
| Wire Size (AWG)               | 18             |

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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, Shielded, Screw Termination, Cable Diameter 6.00-8.00mm | <u>1200710032</u> |

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