

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [120066-8511](#)  
**Status:** **Active**  
**Overview:** Brad® Micro-Change® (M12) Connectors  
**Description:** Micro-Change® (M12) Double-Ended Cordset, 5 Poles, Female (Straight) to Male (Straight), PUR Cable, 10.0m Length

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

|                 |  |
|-----------------|--|
| Product Family  | Industrial Cordsets                                  |
| Series          | 120066   |
| Connector End A | Micro-Change® (M12)                                  |
| Connector End B | Micro-Change® (M12)                                  |
| IP Rating       | IP67   |
| NEMA Rating     | NEMA 6   |
| Overview        | <a href="#">Brad® Micro-Change® (M12) Connectors</a> |
| Product Name    | Micro-Change® (M12)                                  |
| Type            | Double Ended   |
| UPC             | 78172532867  |

**Physical**

|                               |                     |
|-------------------------------|---------------------|
| Cable Diameter                | 5.80mm (.230")      |
| Cable Length                  | 10.0m               |
| Color - Cable Jacket          | Black               |
| Coupling Style                | Threaded            |
| Gender                        | Female-Male         |
| Keyway                        | Single              |
| LED Indicator                 | No                  |
| Material - Cable Jacket       | PUR                 |
| Material - Connector Body     | PUR                 |
| Material - Contact            | Copper Alloy        |
| Material - Coupling Nut       | Nickel-plated Brass |
| Material - O-Ring             | Viton               |
| Material - Plating Mating     | Gold over Nickel    |
| Net Weight                    | 382.412/g           |
| Orientation                   | Straight            |
| Poles                         | 5                   |
| Temperature Range - Operating | -25°C to +80°C      |
| Wire Size AWG                 | 22                  |
| Wire/Cable Type               | UL 21198            |

**Electrical**

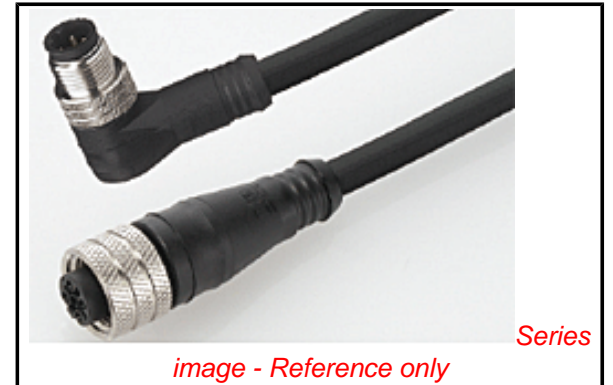
|                               |            |
|-------------------------------|------------|
| Current - Maximum per Contact | 4A         |
| Voltage - Maximum             | 250V AC/DC |

**Material Info**

|                 |               |
|-----------------|---------------|
| Old Part Number | 885030H09M100 |
|-----------------|---------------|

**Reference - Drawing Numbers**

|               |               |
|---------------|---------------|
| Sales Drawing | SD-120066-001 |
|---------------|---------------|



**EU RoHS**

**RoHS Compliant by Exemption**  
**REACH SVHC**  
 Not Reviewed  
**Low-Halogen Status**  
**Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

120066Series