

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** [1200868178](#)  
**Status:** **Active**  
**Overview:** [Brad Nano-Change \(M8\) Products](#)  
**Description:** Nano-Change (M8) Single-Ended Cordset, 5 Poles, Female (90°) to Pigtail, 0.25mm² PVC Cable, 2.0m (6.56') Length

**Documents:**

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

**General**

|                    |                                                |
|--------------------|------------------------------------------------|
| Product Family     | Industrial Cordsets                            |
| Series             | <a href="#">120086</a>                         |
| Connector End A    | Nano-Change (M8)                               |
| Connector End B    | Pigtail                                        |
| IP Rating          | IP67                                           |
| Material - Contact | Copper Alloy                                   |
| Overview           | <a href="#">Brad Nano-Change (M8) Products</a> |
| Product Name       | Nano-Change (M8)                               |
| Protocol           | N/A                                            |
| Region             | Europe                                         |
| Type               | Single Ended                                   |
| UPC                | 78172511667                                    |

**Physical**

|                               |                     |
|-------------------------------|---------------------|
| Cable Diameter                | 5.30mm (.209")      |
| Cable Length                  | 2.0m (6.56')        |
| Color - Cable Jacket          | Black               |
| Coupling Style                | Threaded            |
| Gender                        | Female-Pigtail      |
| Keyway                        | B-coded             |
| LED Indicator                 | No                  |
| Material - Cable Jacket       | PVC                 |
| Material - Connector Body     | PUR                 |
| Material - Coupling Nut       | Nickel-plated Brass |
| Material - O-Ring             | Fluoro-elastomer    |
| Material - Plating Mating     | Gold                |
| Net Weight                    | 90.402/g            |
| Orientation                   | 90° to Pigtail      |
| Poles                         | 5                   |
| Temperature Range - Operating | -25°C to +80°C      |
| Wire Size AWG                 | 24                  |
| Wire/Cable Type               | UL 2464             |

**Electrical**

|                               |                 |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 3.0A            |
| Voltage - Maximum             | 30V AC / 36V DC |

**Material Info**

|                    |               |
|--------------------|---------------|
| Engineering Number | 405001E02M020 |
|--------------------|---------------|

**Reference - Drawing Numbers**

|               |                |
|---------------|----------------|
| Sales Drawing | 1200868179-000 |
|---------------|----------------|



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant with Exemption 6(c)**

**REACH SVHC**

Contained Per -  
D(2020)9139-DC (19  
Jan 2021)  
Lead

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

|                 |               |
|-----------------|---------------|
| China ROHS      | 50 Image      |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[120086](#) Series