

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

**Part Number:** [1200878349](#)  
**Status:** **Active**  
**Overview:** [Brad Nano-Change \(M8\) Products](#)  
**Description:** Nano-Change (M8) Double-Ended Cordset with Knurled Hexnut, 4 Poles, Male (Straight) to Female (Straight), 24 AWG, Black PVC Cable, 1.0m (3.28') Length

**Documents:**

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

**General**

|                    |  |
|--------------------|--|
| Product Family     | Industrial Cordsets                            |
| Series             | <a href="#">120087</a>                         |
| Connector End A    | Nano-Change (M8)                               |
| Connector End B    | Nano-Change (M8)                               |
| 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               | Double Ended                                   |
| UPC                | 78172532310                                    |

**Physical**

|                               |                      |
|-------------------------------|----------------------|
| Cable Diameter                | 4.57mm (.180")       |
| Cable Length                  | 1.0m (3.28')         |
| Color - Cable Jacket          | Black                |
| Coupling Style                | Threaded             |
| Gender                        | Female-Male          |
| Keyway                        | A-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                    | 52.616/g             |
| Orientation                   | Straight to Straight |
| Poles                         | 4                    |
| Temperature Range - Operating | -25° to +80°C        |
| Wire Size AWG                 | 24                   |
| Wire/Cable Type               | UL 2464              |

**Electrical**

|                               |                 |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 3.0A            |
| Voltage - Maximum             | 60V AC / 75V DC |

**Material Info**

|                    |               |
|--------------------|---------------|
| Engineering Number | 444030E02M010 |
|--------------------|---------------|

**Reference - Drawing Numbers**

|               |                |
|---------------|----------------|
| Sales Drawing | 1200878240-000 |
|---------------|----------------|



**EU ELV**

**Compliant with Exemption 3**

**EU RoHS**

**Compliant with Exemption 6(c)**

**REACH SVHC**

Contained Per -  
D(2020)4578-DC (25  
June 2020)

Lead

**Halogen-Free**

**Status**

**Not Relevant**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Not Relevant

Compliant with

Exemption 3

Not Contained

**Search Parts in this Series**

[120087 Series](#)

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[1200878349](#)