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**Part Number:** [120086-8373](#)  
**Status:** **Active**  
**Overview:** Brad® Nano-Change® &#40;M8&#41; Products  
**Description:** Nano-Change® (M8) Single-Ended Cordset, 4 Poles, Male (Straight) to Pigtail, 0.25mm2 PUR/PVC Cable, 2.0m Length

**Documents:**

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

**General**

|                 |  |
|-----------------|--|
| Product Family  | Industrial Cordsets                      |
| Series          | 120086                                   |
| Connector End A | Nano-Change® (M8)                        |
| Connector End B | Pigtail                                  |
| IP Rating       | IP67                                     |
| NEMA Rating     | NEMA 6                                   |
| Overview        | Brad® Nano-Change® &#40;M8&#41; Products |
| Product Name    | Nano-Change® (M8)                        |
| Type            | Single Ended                             |
| UPC             | 78172532222                              |

**Physical**

|                               |                     |
|-------------------------------|---------------------|
| Cable Diameter                | 5.00mm (.197")      |
| Cable Length                  | 2.0m                |
| Color - Cable Jacket          | Black               |
| Coupling Style                | Threaded            |
| Gender                        | Male-Pigtail        |
| LED Indicator                 | No                  |
| Material - Cable Jacket       | PUR/PVC             |
| Material - Connector Body     | TPE                 |
| Material - Contact            | Copper Alloy        |
| Material - Coupling Nut       | Nickel-plated Brass |
| Material - O-Ring             | Viton               |
| Material - Plating Mating     | Gold over Nickel    |
| Net Weight                    | 75.000/g            |
| Orientation                   | Straight            |
| Poles                         | 4                   |
| Temperature Range - Operating | -30°C TO +80°C      |
| Wire Size AWG                 | 24                  |
| Wire/Cable Type               | N/A                 |

**Electrical**

|                               |                 |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 4A              |
| Voltage - Maximum             | 60V AC / 75V DC |

**Material Info**

|                 |               |
|-----------------|---------------|
| Old Part Number | 404006P02M020 |
|-----------------|---------------|

**Reference - Drawing Numbers**

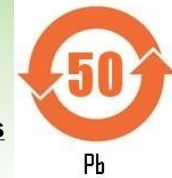
|               |                              |
|---------------|------------------------------|
| Sales Drawing | SD-120027-002, SD-120086-002 |
|---------------|------------------------------|



**EU RoHS**

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

**China RoHS**



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Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
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120086Series