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**Part Number:** [120086-8052](#)  
**Status:** **Active**  
**Overview:** [Brad® Nano-Change® &#40;M8&#41; Products](#)  
**Description:** Nano-Change® (M8) Single-Ended Cordset, 3 Poles, Female (90°) to Pigtail, 0.25mm2 PUR Cable, 2.0m Length

**Documents:**

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

**Agency Certification**

UL E152210

**General**

|                 |  |
|-----------------|--|
| Product Family  | Industrial Cordsets  |
| Series          | <a href="#">120086</a>   |
| Connector End A | Nano-Change® (M8)  |
| Connector End B | Pigtail  |
| IP Rating       | IP67   |
| NEMA Rating     | NEMA 6   |
| Overview        | <a href="#">Brad® Nano-Change® &amp;#40;M8&amp;#41; Products</a> |
| Product Name    | Nano-Change® (M8)  |
| Type            | Single Ended   |
| UPC             | 883906389475   |

**Physical**

|                               |                     |
|-------------------------------|---------------------|
| Cable Diameter                | 4.57mm (.180")      |
| Cable Length                  | 0.25m               |
| Color - Cable Jacket          | Black               |
| Coupling Style                | Threaded            |
| Gender                        | Female-Pigtail      |
| LED Indicator                 | No                  |
| Material - Cable Jacket       | PUR                 |
| Material - Connector Body     | PUR                 |
| Material - Contact            | Copper Alloy        |
| Material - Coupling Nut       | Nickel-plated Brass |
| Material - Plating Mating     | Gold                |
| Orientation                   | 90° to Straight     |
| Poles                         | 3                   |
| Temperature Range - Operating | -25°C to +80°C      |
| Wire Size AWG                 | N/A                 |
| Wire/Cable Type               | UL 21198            |

**Electrical**

|                               |     |
|-------------------------------|-----|
| Current - Maximum per Contact | 4A  |
| Voltage - Maximum             | 60V |

**Material Info**

|                 |               |
|-----------------|---------------|
| Old Part Number | 403001H08M020 |
|-----------------|---------------|

**Reference - Drawing Numbers**

|               |               |
|---------------|---------------|
| Sales Drawing | SD-120086-006 |
|---------------|---------------|



**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

Not Reviewed

**China RoHS**



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 Compliance, [click here](#)

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 non-product compliance questions.

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[120086Series](#)