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**Part Number:** [120086-0588](#)  
**Status:** **Active**  
**Overview:** [Brad® Nano-Change® &#40;M8&#41; Products](#)  
**Description:** Nano-Change® (M8) Single-Ended Cordset, 5 Poles, Male (Straight) to Pigtail, 0.25mm2 PUR/PVC Cable, 10.0m 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       | IP68   |
| 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             | 78172507707  |

**Physical**

|                               |                     |
|-------------------------------|---------------------|
| Cable Diameter                | 5.08mm (.200")      |
| Cable Length                  | 10.0m               |
| 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    |
| Orientation                   | Straight            |
| Poles                         | 5                   |
| Temperature Range - Operating | -30°C TO +80°C      |
| Wire Size AWG                 | 24                  |
| Wire/Cable Type               | N/A                 |

**Electrical**

|                               |                 |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 3A              |
| Voltage - Maximum             | 60V AC / 75V DC |

**Material Info**

|                 |               |
|-----------------|---------------|
| Old Part Number | 405006P02M100 |
|-----------------|---------------|

**Reference - Drawing Numbers**

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



**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC  
Not Reviewed**  
**Low-Halogen Status  
Not Reviewed**

**China RoHS**



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environmental compliance?**

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 Compliance, [click here](#)

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 non-product compliance questions.

**Search Parts in this Series**

120086Series