



**Part Number :** [1200868404](#)

**Product Description :** Nano-Change (M8) Single-Ended Cordset, 5 Poles, B-Coded, Female (Straight) to Pigtail, 0.25mm<sup>2</sup> Black PUR Cable, 5.0m (16.40') Length

**Series Number :** 120086

**Status :** Active

**Product Category :** Circular Industrial Cordsets

**Engineering Part Number :** 405000H08M050

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## Documents and Resources


### Drawings

[1200868404 sd.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Lead per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474

- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

UKCA - Declaration of Conformity

CE - Declaration of Conformity

## Part Details

### General

Status	Active
Category	Circular Industrial Cordsets
Series	120086
Description	Nano-Change (M8) Single-Ended Cordset, 5 Poles, B-Coded, Female (Straight) to Pigtail, 0.25mm <sup>2</sup> Black PUR Cable, 5.0m (16.40') Length
IP Rating	IP67
Product Name	Nano-Change (M8)
Type	Single Ended
UPC	78172532888

### Electrical

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

### Physical

Cable Diameter	4.70mm (.185")
Cable Length	5.0m (16.40')
Color - Cable Jacket	Black
Connector End A	Nano-Change (M8)
Connector End B	Pigtail
Coupling Style	Threaded
Gender	Female-Pigtail
Keyway	B-Coded

LED Indicator	None
Material - Cable Jacket	PUR
Material - Connector Body	TPU
Material - Contact	Copper
Material - Coupling Nut	Nickel-plated Brass
Material - O-Ring	FKM
Material - Plating Mating	Gold
Net Weight	160.200/g
Orientation	Straight to Pigtail
Poles	5
Temperature Range - Operating	-25° to +80°C
Wire/Cable Type	UL 21198
Wire Size (AWG)	24

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