



**Part Number :** [1200271417](#)

**Product Description :** Nano-Change (M8) Single-Ended Cordset, 3 Poles, A-Coded, Female (Straight) to Pigtail, 0.25mm<sup>2</sup> Black PVC Cable, 0.60m (1.97') Length

**Series Number :** 120027

**Status :** Active

**Product Category :** Circular Industrial Cordsets

**Engineering Number :** 403000E02M006



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## Documents & Resources


### Drawings

[1200271417\\_sd.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Lead per D(2024)6225-DC (07 Nov 2024)
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

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

## Part Details

### General

Status	Active
Category	Circular Industrial Cordsets
Series	120027
Description	Nano-Change (M8) Single-Ended Cordset, 3 Poles, A-Coded, Female (Straight) to Pigtail, 0.25mm <sup>2</sup> Black PVC Cable, 0.60m (1.97') Length
IP Rating	IP67
Product Name	Nano-Change (M8)
Type	Single Ended
UPC	883906026479

### Agency

UL	E152210
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### Electrical

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

### Physical

Cable Diameter	4.60mm (.181")
Cable Length	0.60m (1.97')
Color - Cable Jacket	Black
Connector End A	Nano-Change (M8)
Connector End B	Pigtail
Coupling Style	Threaded
Gender	Female-Pigtail
Keyway	A-Coded
LED Indicator	None
Material - Cable Jacket	PVC
Material - Connector Body	TPU

Material - Contact	Copper
Material - Coupling Nut	Nickel-plated Brass
Material - O-Ring	FKM
Material - Plating Mating	Gold
Orientation	Straight to Pigtail
Poles	3
Temperature Range - Operating	-25° to +80°C
Wire/Cable Type	UL 2464
Wire Size (AWG)	24

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