



Part Number : [1200270400](#)

Product Description : Nano-Change (M8) Single-Ended Cordset, 3 Poles, Female (Straight) to Pigtail, 0.25mm<sup>2</sup> PVC Cable, 1.0m (3.28') Length

Series Number : 120027

Status : Active

Product Category : Circular Industrial Cordsets

Engineering Number : 403000E02M010



---

## Documents & Resources

### Drawings

[1200270400\\_sd.pdf](#)

---

## 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)4144-DC (27 June 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, Female (Straight) to Pigtail, 0.25mm <sup>2</sup> PVC Cable, 1.0m (3.28') Length
IP Rating	IP67
Product Name	Nano-Change (M8)
Protocol	N/A
Type	Single Ended
UPC	883906026448

### Agency

UL	E152210
----	---------

### Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	30V

### Physical

Cable Diameter	4.70mm (.185")
Cable Length	1.0m (3.28')
Color - Cable Jacket	Black
Connector End A	Nano-Change (M8)
Connector End B	Pigtail
Coupling Style	Threaded
Gender	Female-Pigtail
Keyway	Single
LED Indicator	No
Material - Cable Jacket	PVC

Material - Connector Body	PUR
Material - Contact	Copper Alloy
Material - Coupling Nut	Nickel-plated Brass
Material - O-Ring	Fluoro-elastomer
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)	N/A

---

This document was generated on Feb 13, 2025