



**Part Number :** [1200870092](#)  
**Product Description :** Nano-Change (M8) Double-Ended Cordset, 4 Poles, A-Coded, Male (Straight) to Female (Straight), 24 AWG, Yellow PVC Cable, 0.60m (1.97') Length  
**Series Number :** 120087  
**Status :** Active  
**Product Category :** Circular Industrial Cordsets  
**Engineering Number :** 444030A10M006



## Documents & Resources

### Drawings

[1200870092\\_sd.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                                 |
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                                 |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21                                                                           |
| REACH SVHC         | Contains Lead; Medium-chain chlorinated paraffins (MCCP) per D(2022)9120-DC (17 Jan 2023)                    |
| 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

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**Part Details**

**General**

|              |                                                                                                                                               |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Status       | Active                                                                                                                                        |
| Category     | Circular Industrial Cordsets                                                                                                                  |
| Series       | 120087                                                                                                                                        |
| Description  | Nano-Change (M8) Double-Ended Cordset, 4 Poles, A-Coded, Male (Straight) to Female (Straight), 24 AWG, Yellow PVC Cable, 0.60m (1.97') Length |
| IP Rating    | IP67                                                                                                                                          |
| Product Name | Nano-Change (M8)                                                                                                                              |
| Protocol     | N/A                                                                                                                                           |
| Type         | Double Ended                                                                                                                                  |
| UPC          | 78678857360                                                                                                                                   |

**Agency**

|     |         |
|-----|---------|
| CSA | LR6837  |
| UL  | E152210 |

**Electrical**

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

**Physical**

|                      |                |
|----------------------|----------------|
| Cable Diameter       | 4.57mm (.180") |
| Cable Length         | 0.60m (1.97')  |
| Color - Cable Jacket | Yellow         |

|                               |                      |
|-------------------------------|----------------------|
| Connector End A               | Nano-Change (M8)     |
| Connector End B               | Nano-Change (M8)     |
| Coupling Style                | Threaded             |
| Gender                        | Female-Male          |
| Keyway                        | A-Coded              |
| LED Indicator                 | None                 |
| Material - Cable Jacket       | PVC                  |
| Material - Connector Body     | TPE                  |
| Material - Contact            | Copper Alloy         |
| Material - Coupling Nut       | Nickel-plated Brass  |
| Material - O-Ring             | Fluoro-elastomer     |
| Material - Plating Mating     | Gold                 |
| Net Weight                    | 99.000/g             |
| Orientation                   | Straight to Straight |
| Poles                         | 4                    |
| Temperature Range - Operating | -20° to +105°C       |
| Wire/Cable Type               | UL 2661              |
| Wire Size (AWG)               | 24                   |