



**Part Number :** [1200868550](#)  
**Product Description :** Nano-Change (M8)  
Double-Ended Cordset, 4 Poles, A-Coded,  
Male (Straight) to Female (90°), 22 AWG,  
Yellow TPE Cable, 1.0m (3.28') Length  
**Series Number :** 120087  
**Status :** Active  
**Product Category :** Circular Industrial  
Cordsets  
**Engineering Number :** 444031K05M010



Documents & Resources

**Drawings**  
[Drawing 1200868550\\_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
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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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 (90°), 22 AWG, Yellow TPE Cable, 1.0m (3.28') Length |
| IP Rating      | IP67                                                                                                                                    |
| Product Family | Brad Nano-Change (M8) Products                                                                                                          |
| Product Name   | Nano-Change (M8)                                                                                                                        |
| Protocol       | N/A                                                                                                                                     |
| Region         | America                                                                                                                                 |
| Type           | Double Ended                                                                                                                            |
| UPC            | 78172540914                                                                                                                             |

#### Agency

|    |         |
|----|---------|
| UL | E152210 |
|----|---------|

#### Electrical

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

#### Physical

|                      |                  |
|----------------------|------------------|
| Cable Diameter       | 5.08mm (.200")   |
| Cable Length         | 1.0m (3.28')     |
| 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                 | No                      |
| Material - Cable Jacket       | TPE                     |
| Material - Connector Body     | Thermoplastic Elastomer |
| Material - Contact            | Copper Alloy            |
| Material - Coupling Nut       | Nickel-plated Brass     |
| Material - O-Ring             | Fluoro-elastomer        |
| Material - Plating Mating     | Gold                    |
| Net Weight                    | 222.000/g               |
| Orientation                   | 90° to Straight         |
| Poles                         | 4                       |
| Temperature Range - Operating | -25° to +80°C           |
| Wire/Cable Type               | PLTC/ITC                |
| Wire Size (AWG)               | 22                      |