



Part Number : 1200868537

Series Number : 120086

Product Category : Circular Industrial Cordsets

Product Description : Nano-Change (M8) Single-Ended Cordset, 4 Poles, A-Coded, Male (Straight) to Pigtail, 22 AWG, Yellow TPE Cable, 10.0m (32.81') Length

Status : Active

Engineering Number : 404006K05M100

Documents & Resources

Drawings

Drawing 1200868537\_sd.pdf

Product Environment Compliance

Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Not Relevant                                    |
| China RoHS         | Not Relevant                                    |
| EU ELV             | Compliant with Exemption 3 per 2000/53/EC       |
| Low-Halogen Status | Not Relevant                                    |
| 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

## Part Details

### General

|                |  |
|----------------|--|
| Status         | Active   |
| Category       | Circular Industrial Cordsets   |
| Series         | 120086   |
| Description    | Nano-Change (M8) Single-Ended Cordset, 4 Poles, A-Coded, Male (Straight) to Pigtail, 22 AWG, Yellow TPE Cable, 10.0m (32.81') Length |
| IP Rating      | IP67   |
| Product Family | Brad Nano-Change (M8) Products   |
| Product Name   | Nano-Change (M8)   |
| Protocol       | N/A  |
| Region         | America  |
| Type           | Single Ended   |
| UPC            | 78172542791  |

### Agency

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

### Electrical

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

### Physical

|                         |                  |
|-------------------------|------------------|
| Cable Diameter          | 5.08mm (.200")   |
| Cable Length            | 10.0m (32.81')   |
| Color - Cable Jacket    | Yellow           |
| Connector End A         | Nano-Change (M8) |
| Connector End B         | Pigtail          |
| Coupling Style          | Threaded         |
| Gender                  | Male-Pigtail     |
| Keyway                  | A-Coded          |
| LED Indicator           | No               |
| Material - Cable Jacket | TPE              |

|                               |                     |
|-------------------------------|---------------------|
| Material - Connector Body     | TPE                 |
| Material - Contact            | Copper Alloy        |
| Material - Coupling Nut       | Nickel-plated Brass |
| Material - Plating Mating     | Gold                |
| Net Weight                    | 222.000/g           |
| Orientation                   | Straight to Pigtail |
| Poles                         | 4                   |
| Temperature Range - Operating | -20° to +80°C       |
| Wire/Cable Type               | PLTC/ITC            |
| Wire Size (AWG)               | 22                  |

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