



Part Number : 1200860352

Series Number : 120086

Product Category : Circular Industrial Cordsets

Product Description : Nano-Change (M8) Single-Ended Cordset, 3 Poles, A-Coded, Female (90°) to Pigtail, 0.34mm<sup>2</sup> Yellow TPE Cable, 10.0m (32.81') Length

Status : Active

Engineering Number : 403001K05M100

Documents & Resources

Drawings  
Drawing 1200860352\_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(2023)3788-DC (14 Jun 2023) |
| 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, 3 Poles, A-Coded, Female (90°) to Pigtail, 0.34mm <sup>2</sup> Yellow TPE Cable, 10.0m (32.81') Length |
| IP Rating      | IP67                                                                                                                                          |
| Product Family | Brad Nano-Change (M8) Products                                                                                                                |
| Product Name   | Nano-Change (M8)                                                                                                                              |
| Region         | America                                                                                                                                       |
| Type           | Single Ended                                                                                                                                  |
| UPC            | 78678886886                                                                                                                                   |

### Agency

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

### Electrical

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

### Physical

|                           |                  |
|---------------------------|------------------|
| Cable Diameter            | 4.95mm (.195")   |
| Cable Length              | 10.0m (32.81')   |
| Color - Cable Jacket      | Yellow           |
| Connector End A           | Nano-Change (M8) |
| Connector End B           | Pigtail          |
| Coupling Style            | Threaded         |
| Gender                    | Female-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 - O-Ring             | Fluoro-elastomer    |
| Material - Plating Mating     | Gold                |
| Net Weight                    | 1066.000/g          |
| Orientation                   | 90° to Pigtail      |
| Poles                         | 3                   |
| Temperature Range - Operating | -25° to +80°C       |
| Wire/Cable Type               | PLTC/ITC            |
| Wire Size (AWG)               | 22                  |

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