molex



Part Number : 1200868652
Product Description : Nano-Change (M8) Single-Ended Cordset with Knurled Hexnut, 5 Poles, B-Coded, Male (90°) to Pigtail, 24 AWG, Black TPU WSOR Cable, 2.0m (6.56') Length
Series Number : 120086
Status : Active
Product Category : Circular Industrial Cordsets
Engineering Part Number : 405007B41M020

Documents & Resources

Drawings

1200868652_sd.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	Not Relevant
EU ELV	Not Reviewed per 2000/53/EC
Low-Halogen Status	Not Relevant
REACH SVHC	Contains Lead per D(2025)4165-DC (25 June 2025)
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

UKCA - Declaration of Conformity

CE - Declaration of Conformity

Part Details

General

Status	Active
Category	Circular Industrial Cordsets
Series	120086
Description	Nano-Change (M8) Single-Ended Cordset with Knurled Hexnut, 5 Poles, B-Coded, Male (90°) to Pigtail, 24 AWG, Black TPU WSOR Cable, 2.0m (6.56') Length
IP Rating	IP67
Product Name	Nano-Change (M8)
Protocol	N/A
Type	Single Ended
UPC	889056003575

Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	30V AC / 36V DC

Physical

Cable Diameter	5.30mm (.209")
Cable Length	2.0m (6.56')
Color - Cable Jacket	Black
Connector End A	Nano-Change (M8)
Connector End B	Pigtail
Coupling Style	Knurled Hexnut, Threaded
Gender	Male-Pigtail
Keyway	B-Coded

LED Indicator	None
Material - Cable Jacket	TPU
Material - Connector Body	TPU
Material - Contact	Brass
Material - Coupling Nut	Nickel-plated Brass
Material - Plating Mating	Gold
Net Weight	554.000/g
Orientation	90° to Pigtail
Poles	5
Temperature Range - Operating	-25° to +85°C
Wire/Cable Type	UL 21215
Wire Size (AWG)	24