molex



Part Number : 1200280321
Product Description : Nano-Change (M8) Double-Ended Cordset with Knurled Hexnut, 3 Poles, A-Coded, Male (Straight) to Female (Straight), 24 AWG, Black PVC Cable, 2.0m (6.56') Length
Series Number : 120028
Status : Active
Product Category : Circular Industrial Cordsets
Engineering Part Number : 443030E02M020

Documents & Resources

Drawings

1200280321_sd.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
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	120028
Description	Nano-Change (M8) Double-Ended Cordset with Knurled Hexnut, 3 Poles, A-Coded, Male (Straight) to Female (Straight), 24 AWG, Black PVC Cable, 2.0m (6.56') Length
IP Rating	IP67
Product Name	Nano-Change (M8)
Protocol	N/A
Type	Double Ended
UPC	883906026554

Agency

UL	E152210

Electrical

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

Physical

Cable Diameter	5.00mm (.197")
Cable Length	2.0m (6.56')
Color - Cable Jacket	Black

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	PUR
Material - Contact	Copper Alloy
Material - Coupling Nut	Nickel-plated Brass
Material - O-Ring	Fluoro-elastomer
Material - Plating Mating	Gold
Net Weight	73.500/g
Orientation	Straight to Straight
Poles	3
Temperature Range - Operating	-25° to +80°C
Wire/Cable Type	UL 2464
Wire Size (AWG)	24