molex



Part Number : 1200878803
Product Description : Micro-Change (M12) to Nano-Change (M8) Double-Ended Cordset with Knurled Hexnut, 3 Poles, Female (90°) to Male (Straight), 24 AWG, WSOR Cable, 5.0m (16.40') Length
Series Number : 120087
Status : Active
Product Category : Circular Industrial Cordsets
Engineering Part Number : 483031B41M050

Documents and Resources

Drawings

1200878803_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(2025)7771-DC (04 Feb 2026)
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

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- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

CE - Declaration of Conformity

UKCA - Declaration of Conformity

Part Details

General

Status	Active
Category	Circular Industrial Cordsets
Series	120087
Description	Micro-Change (M12) to Nano-Change (M8) Double-Ended Cordset with Knurled Hexnut, 3 Poles, Female (90°) to Male (Straight), 24 AWG, WSOR Cable, 5.0m (16.40') Length
IP Rating	IP67
Product Name	Micro-Change (M12),Nano-Change (M8)
Protocol	N/A
Type	Double Ended
UPC	889056132688

Electrical

Current - Maximum per Contact	3.0A, 4.0A
Voltage - Maximum	60V

Physical

Cable Diameter	4.50mm (.177")
Cable Length	5.0m (16.40')
Color - Cable Jacket	Black
Connector End A	Micro-Change (M12)
Connector End B	Nano-Change (M8)

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Coupling Style	Knurled Hexnut, Threaded
Gender	Female-Male
Keyway	Single
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	155.249/g
Orientation	90° to Straight
Poles	3
Temperature Range - Operating	-25° to +85°C
Wire/Cable Type	WSOR
Wire Size (AWG)	24

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