molex



Part Number : 1200878725
Product Description : M8 Signal, A-Coded, Double-Ended Cordset, 3 Poles, Female (90°) to Male (Straight), 0.25mm² (24 AWG), Black TPU WSOR Cable, 5.0m (16.40') Length
Series Number : 120087
Status : Active
Product Category : Industrial Cable Assemblies
Engineering Part Number : 443031B41M050

Documents and Resources

Drawings

1200878725_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

- 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	Industrial Cable Assemblies
Series	120087
Description	M8 Signal, A-Coded, Double-Ended Cordset, 3 Poles, Female (90°) to Male (Straight), 0.25mm² (24 AWG), Black TPU WSOR Cable, 5.0m (16.40') Length
IP Rating	IP67
Product Name	M8 Signal,Nano-Change (M8)
Type	Double Ended
UPC	889056074117

Electrical

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

Physical

Cable Diameter	4.50mm (.177")
Cable Length	5.0m (16.40')
Color - Cable Jacket	Black
Connector End A	M8 Signal
Connector End B	M8 Signal
Coupling Style	Threaded
Gender	Female-Male
Keyway	A-Coded

LED Indicator	None
Material - Cable Jacket	TPU
Material - Connector Body	TPU
Material - Contact	Brass
Material - Coupling Nut	Nickel-plated Brass
Material - O-Ring	Fluoro-elastomer
Material - Plating Mating	Gold
Net Weight	149.400/g
Orientation	90° to Straight
Poles	3
Temperature Range - Operating	-25° to +85°C
Wire/Cable Type	UL 21215
Wire Size (AWG)	24