Part Number : 1200668450
Product Description : M12 Signal, A-Coded, M12 to M8 Double-Ended Cordset, 3 Poles, Female (90°) to Male (Straight), 24 AWG, Black PUR/PVC Cable, 0.60m (1.97') Length
Series Number : 120066
Status : Active
Product Category : Industrial Cable Assemblies
Engineering Part Number : 843031P02M006



Documents and Resources

Drawings

1200668450_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; Triphenyl-phosphate 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

UKCA - Declaration of Conformity

CE - Declaration of Conformity

Part Details

General

Status	Active
Category	Industrial Cable Assemblies
Series	120066
Description	M12 Signal, A-Coded, M12 to M8 Double-Ended Cordset, 3 Poles, Female (90°) to Male (Straight), 24 AWG, Black PUR/PVC Cable, 0.60m (1.97') Length
IP Rating	IP67
Product Name	M12 Signal,Micro-Change (M12),M8 Signal,Nano-Change (M8)
Type	Double Ended
UPC	78172532094

Electrical

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

Physical

Cable Diameter	4.70mm (.185")
Cable Length	0.60m (1.97')
Color - Cable Jacket	Black
Connector End A	Micro-Change (M12)
Connector End B	Nano-Change (M8)

Coupling Style	Threaded
Gender	Female-Male
Keyway	A-Coded
LED Indicator	None
Material - Cable Jacket	PUR/PVC
Material - Connector Body	TPU
Material - Contact	Brass
Material - Coupling Nut	Nickel-plated Brass
Material - O-Ring	Fluoro-elastomer
Material - Plating Mating	Gold
Orientation	90° to Straight
Poles	3
Temperature Range - Operating	-25° to +80°C
Wire/Cable Type	Flex
Wire Size (AWG)	24