molex

Part Number : 1200805085

Product Description : Ultra-Lock (M12) Double-Ended Cordset, 8 Poles, Female (Straight) to Male (90°), 0.25mm² PUR/PVC 1.0m (3.28') Length

Series Number : 120080

Status : Active

Product Category : Circular Industrial Cordsets

Engineering Number : WW8032P02M010

Documents & Resources

Drawings

1200805085_sd.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Lead; Triphenyl-phosphate per D(2024)6225-DC (07 Nov 2024)
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS

- REACH SVHC

- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C

- IPC 1752A Class D

- Molex Product Compliance Declaration

- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Circular Industrial Cordsets
Series	120080
Description	Ultra-Lock (M12) Double-Ended Cordset, 8 Poles, Female (Straight) to Male (90°), 0.25mm² PUR/PVC 1.0m (3.28') Length
IP Rating	IP69K
Product Name	Ultra-Lock (M12)
Protocol	N/A
Type	Double Ended
UPC	884982235472

Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	30V AC / 36V DC

Physical

Cable Diameter	6.80mm (.268")
Cable Length	1.0m (3.28')
Color - Cable Jacket	Black
Connector End A	Ultra-Lock (M12)
Connector End B	Ultra-Lock (M12)
Coupling Style	Push to Lock
Gender	Female-Male
Keyway	Single
LED Indicator	None
Material - Cable Jacket	PUR/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	102.577/g
Orientation	90° to Straight
Poles	8
Temperature Range - Operating	-30° TO +80°C
Wire/Cable Type	EU Cable
Wire Size (AWG)	24

Mates With / Use With

Mates with Part(s)

Description	Part Number
Micro-Change (M12) Circular Hybrid Technology (CHT) Female Receptacle, Dual Keyway, M16x1.5mm Back Panel Mount, 8 Pole (4 Signal, 4 Power)	1202440002

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