Part Number : 1201095005
Product Description : M12 Data, D-Coded, M12 Push-Pull Ultra-Lock Receptacle, 4 Poles, Female (Straight), Back Panel Mount, M16x1.5 Mounting Threads, PCB Pins
Series Number : 120109
Status : Active
Product Category : Industrial Connectors
Engineering Part Number : ERWD2U70



Documents and Resources

Drawings

1201095005_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	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

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- 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 Connectors
Series	120109
Description	M12 Data, D-Coded, M12 Push-Pull Ultra-Lock Receptacle, 4 Poles, Female (Straight), Back Panel Mount, M16x1.5 Mounting Threads, PCB Pins
IP Rating	IP67, IP69K
NEMA Rating	NEMA 6
Performance Category	5e
Product Name	M12 Data Push-Pull,Ultra-Lock (M12)
Type	PCB Mount
UPC	883906436865

Electrical

Current - Maximum per Contact	4.0A
Voltage - Maximum	250V

Physical

Coupling Type	Internal Thread, Push-Pull
Gender	Female
Keyway	D-Coded

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Length	0.022m
Material - Component	Nickel-plated Brass
Mounting Thread Size	M16
Net Weight	22.679/g
Orientation	Straight
Panel Mount	N/A
Poles	4
Temperature Range - Operating	-20° to +75°C
Wire/Cable Type	N/A
Wire Size (AWG)	N/A

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