Part Number : 1200840048
Product Description : M12 Signal, A-Coded, M12 Push-Pull Ultra-Lock Receptacle, 8 Poles, Female (Straight), M16x1.5 Mounting Threads, Back Panel Mount, PCB Pins
Series Number : 120084
Status : Active
Product Category : Circular Industrial Connectors
Engineering Part Number : WR8W400003



Documents and Resources

Drawings

1200840048_sd.pdf

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; Triphenyl-phosphate 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
- IPC 1752A Class D

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- 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	Circular Industrial Connectors
Series	120084
Description	M12 Signal, A-Coded, M12 Push-Pull Ultra-Lock Receptacle, 8 Poles, Female (Straight), M16x1.5 Mounting Threads, Back Panel Mount, PCB Pins
IP Rating	IP67, IP69K
NEMA Rating	NEMA 6
Product Name	M12 Signal Push-Pull,Ultra-Lock (M12)
Type	PCB Mount
UPC	78172536814

Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	30V

Physical

Coupling Type	Internal Thread, Push-Pull
Gender	Female
Keyway	A-Coded
Length	N/A

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Material - Component	Nickel-plated Brass
Mounting Thread Size	M16 x 1.5
Net Weight	25.247/g
Orientation	Straight
Panel Mount	Back
Poles	8
Temperature Range - Operating	-25° to +85°C
Wire/Cable Type	N/A
Wire Size (AWG)	N/A

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