Part Number : 1200710088
Product Description : M12 Signal, A-Coded, Field-Attachable, IDC, 4 Poles, Male, Straight, 4.00-8.00mm
Series Number : 120071
Status : Active
Product Category : Circular Industrial Connectors
Engineering Part Number : 8A4006-52



Documents and Resources

Drawings

1200710088_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 Reviewed per IEC 61249-2-21
REACH SVHC	Not Reviewed per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant 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

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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	120071
Description	M12 Signal, A-Coded, Field-Attachable, IDC, 4 Poles, Male, Straight, 4.00-8.00mm
Approvals	cRUus - UL Recognized
IP Rating	IP67
Product Name	M12 Signal,Micro-Change (M12)
Type	Field Attachable Connector
UPC	889056509947

Electrical

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

Physical

Cable Diameter	4.00-8.00mm (.157-.315")
Coupling Type	External Thread
Diagnostics / LEDs	No
Diagnostics Port	No
Gender	Male
Keyway	A-Coded
Material - Connector Body	PA
Material - Contact	Copper Alloy
Material - Coupling Nut	Zinc Die-Cast, Nickel-Plated
Material - Plating Mating	Gold
Net Weight	13.000/g

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Orientation	Straight
Poles	4
Temperature Range - Operating	-25° to +80°C
Wire Size (AWG)	18-22

Mates With / Use With

Mates with Part(s)

Description	Part Number
Micro-Change (M12) Field Attachable Connector, 4 Poles, Straight, Female, Unshielded, IDC Termination, Cable Diameter 4.00-8.00mm	1200710089

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