Part Number : 1200710081
Product Description : M12 Signal, A-Coded, Shielded Field-Attachable, 5 Poles, Female, Straight, PG9 Gland, 6.00-8.00mm
Series Number : 120071
Status : Active
Product Category : Circular Industrial Connectors
Engineering Part Number : 8A5S00-32



Documents and Resources

Drawings

1200710081_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 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)

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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	Circular Industrial Connectors
Series	120071
Description	M12 Signal, A-Coded, Shielded Field-Attachable, 5 Poles, Female, Straight, PG9 Gland, 6.00-8.00mm
Approvals	cRUus - UL Recognized
IP Rating	IP67
Product Name	M12 Signal,Micro-Change (M12)
Type	Field Attachable Connector
UPC	889056417013

Electrical

Current - Maximum per Contact	4.0A
Voltage - Maximum	60V

Physical

Cable Diameter	6.00-8.00mm (.236-.315")
Coupling Type	Internal Thread
Diagnostics / LEDs	No
Diagnostics Port	No
Gender	Female
Keyway	A-Coded
Material - Connector Body	Zinc Die-Cast
Material - Contact	Brass
Material - Coupling Nut	Nickel-plated Brass

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Material - Plating Mating	Gold
Net Weight	46.000/g
Orientation	Straight
Poles	5
Temperature Range - Operating	-40° to +85°C
Wire Size (AWG)	18

Mates With / Use With

Mates with Part(s)

Description	Part Number
M12 Signal, A-Coded, Shielded Field-Attachable, 5 Poles, Male, 90°, PG9 Gland, 6.00-8.00mm	1200710034

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