

Part Number : [1200710045](#)

Product Description : M12 Signal, A-Coded, Field-Attachable, 5 Poles, Male, Straight, PG7 Gland, 3.30-6.60mm

Series Number : 120071

Status : Active

Product Category : Circular Industrial Connectors

Engineering Part Number : 8A5006-31




Documents and Resources

Drawings

[1200710045 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 Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Lead per D(2025)4165-DC (25 June 2025) SCIP:8580ebd0-7aa5-4d65-bf0c-bd4df90768aa
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)

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	120071
Description	M12 Signal, A-Coded, Field-Attachable, 5 Poles, Male, Straight, PG7 Gland, 3.30-6.60mm
Approvals	cCSAus certified
IP Rating	IP67
Product Name	M12 Signal, Micro-Change (M12)
Type	Field Attachable Connector
UPC	78678875705

Agency

CSA	LR6837
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Electrical

Current - Maximum per Contact	4.0A
Voltage - Maximum	30V AC / 36V DC

Physical

Cable Diameter	3.30-6.60mm (.130-.260")
Coupling Type	External Thread
Diagnostics / LEDs	No
Diagnostics Port	No

Gender	Male
Keyway	A-Coded
Material - Connector Body	PA
Material - Contact	Brass
Material - Coupling Nut	Nickel-plated Brass
Material - Plating Mating	Silver
Net Weight	25.500/g
Orientation	Straight
Poles	5
Temperature Range - Operating	-25° to +90°C
Wire Size (AWG)	18

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