Part Number : 1200710041
Product Description : M12 Signal, A-Coded, Field-Attachable, 5 Poles, Female, Straight, PG7 Gland, 3.30-6.60mm
Series Number : 120071
Status : Active
Product Category : Circular Industrial Connectors
Engineering Part Number : 8A5000-31

Documents and Resources

Drawings

1200710041_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:03d4783a-5865-4310-a147-a730a1acd188
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	120071
Description	M12 Signal, A-Coded, Field-Attachable, 5 Poles, Female, 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	78172553084

Agency

CSA	LR6837

Electrical

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

Physical

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

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Gender	Female
Keyway	A-Coded
Material - Connector Body	PA
Material - Contact	Brass
Material - Coupling Nut	Nickel-plated Brass
Material - Plating Mating	Silver
Net Weight	29.270/g
Orientation	Straight
Poles	5
Temperature Range - Operating	-25° to +90°C
Wire Size (AWG)	18

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