Part Number : 1200705210
Product Description : M12 Signal, A-Coded, Receptacle, 8 Poles, Female, Back Panel Mount, PG9 Mounting Threads, PCB Pins
Series Number : 120070
Status : Active
Product Category : Industrial Connectors
Engineering Part Number : 8R8J400013



Documents and Resources

Drawings

1200705210_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) SCIP:b2a3f68a-006e-4fce-9fcb-97893246fa49
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

Downloaded from Arrow.com.

- chemSHERPA (xml)

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	Industrial Connectors
Series	120070
Description	M12 Signal, A-Coded, Receptacle, 8 Poles, Female, Back Panel Mount, PG9 Mounting Threads, PCB Pins
IP Rating	IP67
NEMA Rating	NEMA 6
Product Name	M12 Signal,Micro-Change (M12)
Type	PCB Mount
UPC	884982224773

Electrical

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

Physical

Coupling Type	Internal Thread
Gender	Female
Keyway	A-Coded
Length	N/A
Material - Component	Nickel-plated Brass
Mounting Thread Size	PG9
Net Weight	16.236/g
Orientation	Straight

Downloaded from Arrow.com.

Panel Mount	Back
Poles	8
Temperature Range - Operating	-20° to +80°C
Wire/Cable Type	N/A
Wire Size (AWG)	N/A

Downloaded from Arrow.com.