Part Number : 1200700168
Product Description : M12 Signal, A-Coded, Receptacle, 4 Poles, Female, Front Panel Mount, 1/2"-14 NPT Mounting Threads, 18 AWG, PVC Leads, 0.50m (1.64') Length
Series Number : 120070
Status : Active
Product Category : Circular Industrial Connectors
Engineering Part Number : 8R4000A16M005



Documents and Resources

Drawings

1200700168_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 Triphenyl-phosphate per D(2025)4165-DC (25 June 2025)
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

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- 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	120070
Description	M12 Signal, A-Coded, Receptacle, 4 Poles, Female, Front Panel Mount, 1/2"-14 NPT Mounting Threads, 18 AWG, PVC Leads, 0.50m (1.64') Length
IP Rating	IP67
NEMA Rating	NEMA 6
Product Name	M12 Signal,Micro-Change (M12)
Type	Single Ended (pigtail)
UPC	78678883461

Agency

CSA	LR6837
UL	E152210

Electrical

Current - Maximum per Contact	4.0A
Voltage - Maximum	250V AC/DC

Physical

Coupling Type	Internal Thread
Gender	Female

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Keyway	A-Coded
Length	0.50m
Material - Component	Nickel-plated Zinc Die-Cast
Mounting Thread Size	1/2" - 14 NPT
Net Weight	11.000/g
Orientation	Straight
Panel Mount	Front
Poles	4
Temperature Range - Operating	-20° to +105°C
Wire/Cable Type	PVC Leads, UL 1569
Wire Size (AWG)	18

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