molex



Part Number : 1200990005
Product Description : M12 Signal, B-Coded, Receptacle, 5 Poles, Female, Back Panel Mount, M16x1.5 Mounting Threads, 24 AWG, PROFIBUS PUR Cable, Yellow Overmold, 1.0m (3.28') Length
Series Number : 120099
Status : Active
Product Category : Industrial Connectors
Engineering Part Number : BR5U70PP4M0103

Documents and Resources

Drawings

1200990005_sd.pdf

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 per D(2025)4165-DC (25 June 2025)
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

Part Details

General

Status	Active
Category	Industrial Connectors
Series	120099
Description	M12 Signal, B-Coded, Receptacle, 5 Poles, Female, Back Panel Mount, M16x1.5 Mounting Threads, 24 AWG, PROFIBUS PUR Cable, Yellow Overmold, 1.0m (3.28') Length
IP Rating	IP67
NEMA Rating	NEMA 6
Product Name	M12 Signal,Micro-Change (M12)
Type	Single Ended (pigtail)
UPC	78678850807

Electrical

Current - Maximum per Contact	4.0A
Voltage - Maximum	250V

Physical

Coupling Type	Internal Thread
Gender	Female
Keyway	B-Coded
Length	1.0m
Material - Component	Nickel-plated Brass
Mounting Thread Size	M16
Orientation	Straight
Panel Mount	Back
Poles	5

Temperature Range - Operating	-20° to +80°C
Wire/Cable Type	N/A
Wire Size (AWG)	24

Solder Process Data

Lead-Free Process Capability	N/A