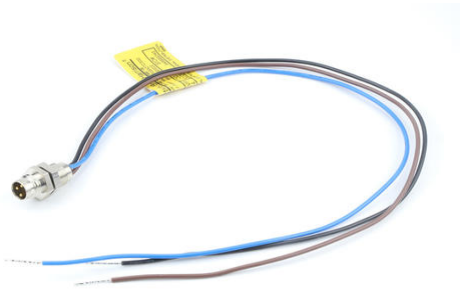
Part Number : 1200900020
Product Description : Nano-Change (M8) Receptacle, 3 Poles, A-Coded, M8 x 0.5 Mounting Threads, Male (Straight) to 24 AWG Leads, 0.30m (11.81") Length
Series Number : 120090
Status : Active
Product Category : Circular Industrial Connectors
Engineering Part Number : 4R3P06A27C300



Documents & Resources

Drawings

1200900020_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; Triphenyl-phosphate; Lead monoxide 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

CE - Declaration of Conformity

UKCA - Declaration of Conformity

Part Details

General

Status	Active
Category	Circular Industrial Connectors
Series	120090
Description	Nano-Change (M8) Receptacle, 3 Poles, A-Coded, M8 x 0.5 Mounting Threads, Male (Straight) to 24 AWG Leads, 0.30m (11.81") Length
IP Rating	IP67
NEMA Rating	NEMA 6
Product Name	Nano-Change (M8)
Type	Single Ended (pigtail)
UPC	78678833056

Agency

CSA	LR6837
UL	E46237

Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	60V AC / 75V DC

Physical

Coupling Type	External Thread
Gender	Male

Keyway	A-Coded
Length	0.30m
Material - Component	Nickel-plated Brass
Mounting Thread Size	M8 x 0.5
Net Weight	11.927/g
Orientation	Straight
Panel Mount	Front
Poles	3
Temperature Range - Operating	-20° to +105°C
Wire/Cable Type	UL 1569
Wire Size (AWG)	24

Solder Process Data

Max-Duration	3
Lead-Free Process Capability	N/A
Max-Cycle	3
Max-Temp	260