Part Number : 1200270709
Product Description : Nano-Change (M8) Single-Ended Cordset, 5 Poles, Female (Straight) to Pigtail, 0.25mm² PUR/PVC Cable, 2.0m (6.56') Length, PUR Cable Preferred Version in Europe
Series Number : 120027
Status : Active
Product Category : Circular Industrial Cordsets
Engineering Part Number : 405000P02M020



Documents & Resources

Drawings

1200270709_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; 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

CE - Declaration of Conformity

UKCA - Declaration of Conformity

Part Details

General

Status	Active
Category	Circular Industrial Cordsets
Series	120027
Description	Nano-Change (M8) Single-Ended Cordset, 5 Poles, Female (Straight) to Pigtail, 0.25mm² PUR/PVC Cable, 2.0m (6.56') Length, PUR Cable Preferred Version in Europe
IP Rating	IP67
Product Name	Nano-Change (M8)
Protocol	N/A
Type	Single Ended
UPC	883906210045

Electrical

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

Physical

Cable Diameter	5.08mm (.200")
Cable Length	2.0m (6.56')
Color - Cable Jacket	Black
Connector End A	Nano-Change (M8)
Connector End B	Pigtail

Coupling Style	Threaded
Gender	Female-Pigtail
Keyway	Single
LED Indicator	None
Material - Cable Jacket	PUR/PVC
Material - Connector Body	PUR
Material - Contact	Copper Alloy
Material - Coupling Nut	Nickel-plated Brass
Material - O-Ring	Fluoro-elastomer
Material - Plating Mating	Gold
Net Weight	80.009/g
Orientation	Straight to Pigtail
Poles	5
Temperature Range - Operating	-25° to +80°C
Wire/Cable Type	UL 2661
Wire Size (AWG)	N/A