



Part Number : [1200868551](#)
Product Description : Nano-Change (M8)
Double-Ended Cordset, 4 Poles, A-Coded,
Male (Straight) to Female (90°), 22 AWG,
Yellow TPE Cable, 2.0m (6.56') Length
Series Number : 120087
Status : Active
Product Category : Circular Industrial
Cordsets
Engineering Number : 444031K05M020



Documents & Resources

Drawings
[Drawing 1200868551_sd.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Lead per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration

- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Circular Industrial Cordsets
Series	120087
Description	Nano-Change (M8) Double-Ended Cordset, 4 Poles, A-Coded, Male (Straight) to Female (90°), 22 AWG, Yellow TPE Cable, 2.0m (6.56') Length
IP Rating	IP67
Product Family	Brad Nano-Change (M8) Products
Product Name	Nano-Change (M8)
Protocol	N/A
Region	America
Type	Double Ended
UPC	78172540915

Agency

UL	E152210
----	---------

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	Yellow
Connector End A	Nano-Change (M8)
Connector End B	Nano-Change (M8)
Coupling Style	Threaded

Gender	Female-Male
Keyway	A-Coded
LED Indicator	No
Material - Cable Jacket	TPE
Material - Connector Body	Thermoplastic Elastomer
Material - Contact	Copper Alloy
Material - Coupling Nut	Nickel-plated Brass
Material - O-Ring	Fluoro-elastomer
Material - Plating Mating	Gold
Net Weight	245.000/g
Orientation	90° to Straight
Poles	4
Temperature Range - Operating	-25° to +80°C
Wire/Cable Type	PLTC/ITC
Wire Size (AWG)	22