Part Number : 1201080520
Product Description : M12 Data, D-Coded, Ultra-Lock (M12) Receptacle to RJ-45 Double-Ended Cordset, 4 Poles, D-Coded, Female (Straight) to RJ-45 Male (Straight), 22 AWG, Green Shielded TPU Cat5e Cable, 2.0m (6.56') Length
Series Number : 120108
Status : Active
Product Category : Circular Industrial Cordsets
Engineering Part Number : ERWPAU7012M020



Documents and Resources

Drawings

1201080520_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 per D(2025)4165-DC (25 June 2025) SCIP:14aab4b6-c57b-4de2-9e64-af2f8c6b7e93
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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- 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	120108
Description	M12 Data, D-Coded, Ultra-Lock (M12) Receptacle to RJ-45 Double-Ended Cordset, 4 Poles, D-Coded, Female (Straight) to RJ-45 Male (Straight), 22 AWG, Green Shielded TPU Cat5e Cable, 2.0m (6.56') Length
IP Rating	IP20, IP67 (M12 only)
Performance Category	5e
Product Name	M12 Data Push-Pull,Ultra-Lock (M12),RJ45,Industrial Ethernet
Protocol	EtherNet
Type	Double Ended
UPC	78172545841

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	30V AC (RMS) / 42V DC

Physical

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Cable Diameter	6.80mm (.268")
Cable Length	2.0m (6.56')
Color - Cable Jacket	Green
Connector End A	Ultra-Lock (M12)
Connector End B	RJ-45 (standard)
Coupling Style	Push-Pull, Threaded
Gender	Female-Male
Keyway	D-Coded
LED Indicator	None
Material - Cable Jacket	TPU
Material - Connector Body	PUR, Polycarbonate
Material - Contact	Copper Alloy
Material - Coupling Nut	Nickel-plated Brass
Material - O-Ring	FPM | Nitrile Rubber
Material - Plating Mating	Gold
Net Weight	183.800/g
Orientation	Straight to Straight
Poles	4
Temperature Range - Operating	-25° to +85°C
Wire/Cable Type	Shielded TPU
Wire Size (AWG)	22

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