molex



Part Number : 1204061042
Product Description : M12 Data, D-Coded, M12 Push-Pull Ultra-Lock 2.0 Receptacle Cordset, 4 Poles, Female (Straight) to RJ45 Male (Straight), Back Panel Mount, M16x1.5 Mounting Threads, 2x2x22 AWG, Green Shielded TPU WSOR Cable, 1.0m (3.28') Length
Series Number : 120406
Status : Active
Product Category : Circular Industrial Cordsets
Engineering Part Number : ERYPAU7012M010

Documents and Resources

Drawings

1204061042_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; Lead monoxide per D(2023)3788-DC (14 Jun 2023)
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

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- 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	120406
Description	M12 Data, D-Coded, M12 Push-Pull Ultra-Lock 2.0 Receptacle Cordset, 4 Poles, Female (Straight) to RJ45 Male (Straight), Back Panel Mount, M16x1.5 Mounting Threads, 2x2x22 AWG, Green Shielded TPU WSOR Cable, 1.0m (3.28') Length
IP Rating	IP67, IP20
Performance Category	5e
Product Name	M12 Data Push-Pull,Ultra-Lock 2.0 (M12),Industrial Ethernet,RJ45
Protocol	PROFINET
Type	Double Ended
UPC	196823153730

Agency

UL	E361772

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	30V AC, 42V DC

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Physical

Cable Diameter	6.80mm (.268")
Cable Length	1.0m (3.28')
Color - Cable Jacket	Green
Connector End A	M12 Data Push-Pull
Connector End B	RJ-45 (standard)
Coupling Style	Push-Pull
Gender	Female-Male
Keyway	D-Coded
LED Indicator	None
Material - Cable Jacket	PUR
Material - Connector Body	TPU
Material - Contact	Bronze
Material - Coupling Nut	Brass
Material - O-Ring	FPM | Nitrile Rubber
Material - Plating Mating	Gold
Net Weight	233.997/g
Orientation	Straight to Straight
Poles	4
Temperature Range - Operating	-40° to +85°C
Wire/Cable Type	UL 21215
Wire Size (AWG)	22

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