



Part Number : [1202440205](#)

Product Description : Micro-Change (M12) Circular Hybrid Technology (CHT) Double-Ended Cordset, 8 Poles (4 Signal, 4 Power), Male (Straight) to Male (Straight), 5.0m (16.40') Length, Type 1

Series Number : 120244

Status : Active

Product Category : Circular Industrial Cordsets




Documents & Resources

Drawings

[1202440205_sd.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Reviewed per IEC 61249-2-21
REACH SVHC	Contains Lead per D(2021)10043-DC (17 Jan 2022)
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)

Part Details

General

Status	Active
Category	Circular Industrial Cordsets
Series	120244
Description	Micro-Change (M12) Circular Hybrid Technology (CHT) Double-Ended Cordset, 8 Poles (4 Signal, 4 Power), Male (Straight) to Male (Straight), 5.0m (16.40') Length, Type 1
IP Rating	IP67
Performance Category	5e
Product Name	CHT, Micro-Change (M12)
Protocol	N/A
Type	Double Ended
UPC	884982667648

Agency

UL	E218123
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Electrical

Current - Maximum per Contact	0.5A, 6.0A
Voltage - Maximum	30V

Physical

Cable Diameter	8.00mm (.315")
Cable Length	5.0m (16.40')
Color - Cable Jacket	Gray
Connector End A	CHT4+4 (M12 Hybrid)
Connector End B	CHT4+4 (M12 Hybrid)
Coupling Style	Threaded
Gender	Male-Male
Keyway	Type 2
LED Indicator	None

Material - Cable Jacket	PUR
Material - Connector Body	Brass, PA
Material - Contact	Copper Alloy
Material - Coupling Nut	Brass
Material - Plating Mating	Gold
Net Weight	449.380/g
Orientation	Straight to Straight
Poles	8
Temperature Range - Operating	-25° to +75°C
Wire/Cable Type	Unshielded-Twisted Pair
Wire Size (AWG)	18, 26

Mates With / Use With

Mates with Part(s)

Description	Part Number
Micro-Change (M12) Circular Hybrid Technology (CHT) Female Receptacle, Dual Keyway, M16x1.5mm Back Panel Mount, 8 Pole (4 Signal, 4 Power)	<u>1202440002</u>