



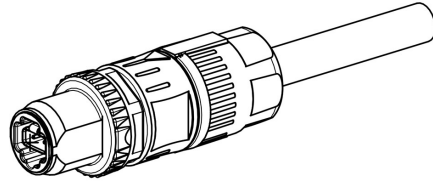
Part Number : [2209570018](#)

Product Description : T1 Industrial Single-Pair Ethernet (SPE) M12 Field Attachable Connector, 2 Poles, Straight, Male, Cable Diameter 6.30mm

Series Number : 220957

Status : Active

Product Category : Circular Industrial Connectors



Documents & Resources

Drawings

[2209570018_sd.pdf](#)

Product Environment Compliance

Compliance

China RoHS	Not Reviewed
EU ELV	Not Reviewed
Low-Halogen Status	Not Reviewed
REACH SVHC	Not Reviewed
EU RoHS	Not Reviewed

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 Connectors
Series	220957
Description	T1 Industrial Single-Pair Ethernet (SPE) M12 Field Attachable Connector, 2 Poles, Straight, Male, Cable Diameter 6.30mm
IP Rating	IP65, IP67
Product Name	Single-Pair Ethernet (SPE)
Type	Field Attachable Connector
UPC	196823194009

Electrical

Current - Maximum per Contact	4.0A
Voltage - Maximum	60V AC

Physical

Cable Diameter	6.30mm (.248")
Communication Speed	Up to 1.0 Gbps
Coupling Type	Push to Lock
Diagnostics / LEDs	No
Diagnostics Port	No
Gender	Male
Keyway	None
Material - Connector Body	Brass
Material - Contact	Copper
Material - Coupling Nut	Brass
Material - Plating Mating	Gold
Orientation	Straight
Poles	2
Temperature Range - Operating	-25°C to +80°C
Wire Size (AWG)	22

This document was generated on Mar 27, 2025