Part Number : 2209570116
Product Description : T1 Industrial Single-Pair Ethernet (SPE) M12 Plug Cable Assembly, IP65/67, 1.0m Cable Length
Series Number : 220957
Status : Active
Product Category : I/O Cable Assemblies



Documents and Resources

Drawings

2209570116_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 Reviewed per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

Compliance Statements
- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents
- 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

UKCA - Declaration of Conformity

CE - Declaration of Conformity

Part Details

General

Status	Active
Category	I/O Cable Assemblies
Series	220957
Description	T1 Industrial Single-Pair Ethernet (SPE) M12 Plug Cable Assembly, IP65/67, 1.0m Cable Length
Assembly Configuration	Dual Ended Connectors
Connector to Connector	SPE-to-SPE
Product Name	Single-Pair Ethernet (SPE)
UPC	196823192517

Electrical

Current - Maximum per Contact	4.0A
Data Rate	Up to 1.0 Gbps
Shielded	Yes
Voltage - Maximum	60V AC

Physical

Cable Length	1.0m
Circuits (Loaded)	2
Circuits (maximum)	2
Gender	Plug/Plug
Lock to Mating Part	Yes
Material - Metal	Copper
Material - Plating Mating	Gold
Net Weight	112.700/g
Packaging Type	Bag
Single Ended	No

Waterproof / Dustproof	Yes
Waterproof / Dustproof Type	IP65, IP67
Wire/Cable Type	PUR, Twisted Pair
Wire Size (AWG)	1 x 2 x AWG 22/19