



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 & Resources

Drawings

Drawing 2209570116_sd.pdf

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | Not Reviewed per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Reviewed per IEC 61249-2-21 |
| REACH SVHC | Not Reviewed per D(2023)8585-DC (23 Jan 2024) |
| EU RoHS | Not Reviewed 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)

EU RoHS Certificate of Compliance

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 Family | T1 Industrial Single-Pair Ethernet (SPE) Connectors and Cable Assemblies |
| 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 | 119.900/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 |

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