



Part Number : [2209570012](#)

Product Description : T1 Industrial Single-Pair Ethernet (SPE) M12 Receptacle Shell, Front Mount, Straight, IP67

Series Number : 220957

Status : Active

Product Category : Circular Industrial Connectors



Documents & Resources

Drawings

[2209570012_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 | Not Contained per D(2023)8585-DC (23 Jan 2024) |
| EU RoHS | Compliant 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 | Circular Industrial Connectors |
| Series | 220957 |
| Description | T1 Industrial Single-Pair Ethernet (SPE) M12 Receptacle Shell, Front Mount, Straight, IP67 |
| IP Rating | IP67 |
| Product Name | Single-Pair Ethernet (SPE) |
| Type | M12 Receptacle Shell |
| UPC | 196823193941 |

Electrical

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

Physical

| | |
|-------------------------------|--------------------------|
| Coupling Type | External/Internal Thread |
| Gender | Female |
| Keyway | N/A |
| Length | 19.50mm |
| Material - Component | Nickel-plated Brass |
| Mounting Thread Size | M12 x 1.0 |
| Net Weight | 15.780/g |
| Orientation | Straight |
| Panel Mount | Front |
| Poles | N/A |
| Temperature Range - Operating | -40° to +80°C |
| Wire/Cable Type | N/A |
| Wire Size (AWG) | N/A |

Use with Part(s)

| | |
|-------------|-------------|
| Description | Part Number |
|-------------|-------------|

| | |
|---------------------------------------------------------------------------------|-------------------|
| T1 Industrial Single-Pair Ethernet (SPE) PCB Jack, M12, Right-Angle, IP67 | <u>2209570002</u> |
| T1 Industrial Single-Pair Ethernet (SPE) PCB Jack, M12, Straight, 8.00mm, IP67 | <u>2209570005</u> |
| T1 Industrial Single-Pair Ethernet (SPE) PCB Jack, M12, Straight, 12.50mm, IP67 | <u>2209570008</u> |

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