



**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



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## Documents & Resources

### Drawings

[Drawing 2209570012\\_sd.pdf](#)

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## 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

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## 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 Family	T1 Industrial Single-Pair Ethernet (SPE) Connectors and Cable Assemblies
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

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### Use with Part(s)

Description	Part Number
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T1 Industrial Single-Pair Ethernet (SPE) PCB Jack, M12, Right-Angle, IP20	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/2209570002.html">/content/molex/molex-dot-com/us/en/products/product-page.html/2209570002.html</a>
T1 Industrial Single-Pair Ethernet (SPE) PCB Jack, M12, Straight, 8.00mm, IP67	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/2209570005.html">/content/molex/molex-dot-com/us/en/products/product-page.html/2209570005.html</a>
T1 Industrial Single-Pair Ethernet (SPE) PCB Jack, M12, Straight, 12.50mm, IP67	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/2209570008.html">/content/molex/molex-dot-com/us/en/products/product-page.html/2209570008.html</a>

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This document was generated on Dec 19, 2023