



Part Number : 2209570012

Series Number : 220957

Product Category : Circular Industrial Connectors

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

Status : Active

Documents & Resources

Drawings

Drawing 2209570012_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 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 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

Use with Part(s)

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

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