



Part Number : [5025700893](#)

Product Description : 1.10mm Pitch microSD Memory Card Connector, Normal Mount Surface Mount, Push-Push Type

Series Number : 502570

Status : Active

Product Category : Memory / SIM Card Connectors

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## Documents & Resources

### Drawings

[Drawing 5025700893\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 5025700893\\_stp.zip](#)

### Specifications


[Packaging Specification SPK-502570-002-001.pdf](#)

[Product Specification PS-502570-001-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen 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

## Part Details

### General

Status	Active
Category	Memory / SIM Card Connectors
Series	502570
Description	1.10mm Pitch microSD Memory Card Connector, Normal Mount Surface Mount, Push-Push Type
Product Family	SD and SIM Memory Card Sockets
Product Name	microSD Card
Style	Push-Push
UPC	800756692913

### Electrical

Current - Maximum per Contact	0.5A
Shielded	Yes
Voltage - Maximum	10V AC (RMS)/DC

### Physical

Card Detection Switch	Open
Card Entry Location	Front
Circuits (Loaded)	8
Color - Resin	Black
Durability (mating cycles max)	10000
Ejector Button Side	N/A
Material - Contact	Copper Alloy
Material - Plating Mating	Gold
Material - Shell	Stainless Steel
Net Weight	472.801/mg
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	Yes

Pitch - Mating Interface	1.10mm
Temperature Range - Operating	-25° to +85°C
Termination Interface Style	Surface Mount

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**Use with Part(s)**

Description	Part Number
Use With	microSD Card

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