



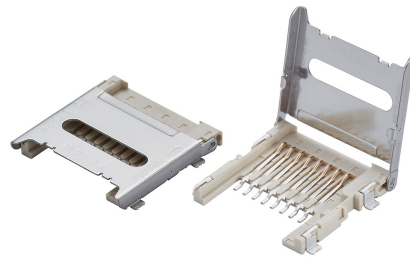
Part Number : [5009010801](#)

Product Description : 1.10mm Pitch
TransFlash Memory Card Connector, Hinge
Type, Round Corner Top

Series Number : 500901

Status : Active

Product Category : Memory / SIM Card
Connectors



Documents & Resources

Drawings

[Drawing 5009010801_sd.pdf](#)

3D Models and Design Files

[3D Model 5009010801_stp.zip](#)


Specifications

[Packaging Specification 5009019200-SPK-200.pdf](#)

[Product Specification PS-500901-002-001.pdf](#)

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)3788-DC (14 Jun 2023)
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	Memory / SIM Card Connectors
Series	500901
Description	1.10mm Pitch TransFlash Memory Card Connector, Hinge Type, Round Corner Top
Product Family	SD and SIM Memory Card Sockets
Product Name	microSD Card
Style	Hinge
UPC	822348805297

Electrical

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

Physical

Card Detection Switch	No
Card Entry Location	Top
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Natural
Durability (mating cycles max)	1000
Ejector Button Side	N/A
Material - Contact	Copper Alloy
Material - Plating Mating	Gold
Material - Resin	High Temperature Thermoplastic
Material - Shell	Stainless Steel
Net Weight	433.817/mg

Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	Yes
Pitch - Mating Interface	1.10mm
Pitch - Termination Interface	1.10mm
Temperature Range - Operating	-25° to +85°C
Termination Interface Style	Surface Mount

Use with Part(s)

Description	Part Number
Use With	TransFlash card

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