

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [5009010801](#)  
**Status:** **Active**  
**Overview:** SD and SIM Memory Card Sockets  
**Description:** 1.10mm Pitch TransFlash Memory Card Connector, Hinge Type, Round Corner Top

**Documents:**

[3D Model](#) [Product Specification PS-500901-002-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [Packaging Specification 5009019200-SPK-200 \(PDF\)](#)  
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family Memory Card Sockets  
 Series [500901](#)  
 Overview [SD and SIM Memory Card Sockets](#)  
 Product Name microSD Card  
 Style Hinge  
 Taxonomy Memory / SIM Card Connectors  
 UPC 822348805297

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

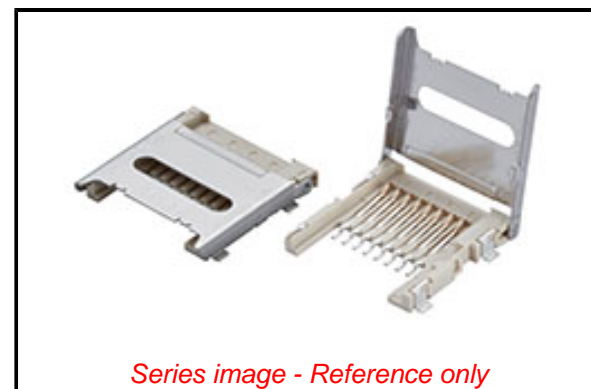
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification 5009019200-SPK-200  
 Product Specification PS-500901-002-001  
 Sales Drawing SD-500901-003-001, SD-500901-003-002,  
 SD-500901-004-001, SD-500901-004-002



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2022)4187-DC (10  
 June 2022)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[500901 Series](#)

**Use With**

TransFlash card