

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

**Part Number:** **5031821852**  
**Status:** **Active**  
**Overview:** SD and SIM Memory Card Sockets  
**Description:** 1.10mm Pitch microSD Memory Card Connector, Normal Mount Surface Mount, Push-Push Type, 1.45mm Height, Anti-card fly-out

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-503182-006-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Packaging Specification SPK-503182-002-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	Memory Card Sockets
Series	503182
Overview	SD and SIM Memory Card Sockets
Product Name	microSD Card
Style	Push-Push
UPC	887191053714

**Physical**

Card Detection Switch	Yes
Circuits (Loaded)	8
Durability (mating cycles max)	10000
Ejector Button Side	N/A
Material - Contact	Copper Alloy
Material - Plating Termination	Gold, Tin
Material - Shell	Stainless Steel
Net Weight	357.755/mg
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.10mm
Temperature Range - Operating	-25° to +85°C
Termination Interface: Style	Surface Mount

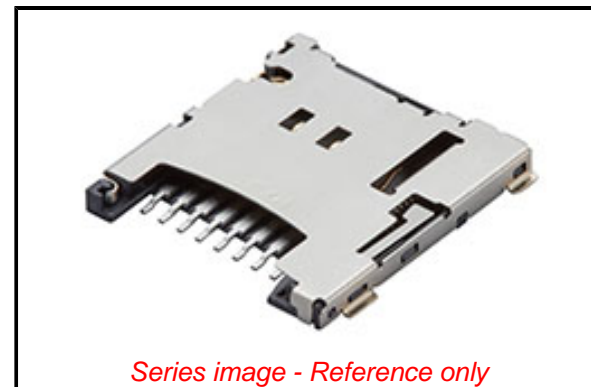
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	SPK-503182-002-001
Product Specification	PS-503182-006-001
Sales Drawing	SD-503182-011-001, SD-503182-012-001, SD-503182-012-002



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**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**

503182 Series

**Use With**

microSD Card

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[503182-1852](#)