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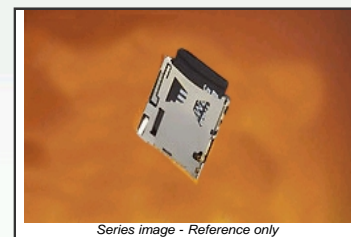
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**Part Number:** 5031820853

**Status:** Active **Overview:** [microSD Memory Card Connector](#)

**Description:** 1.10mm (.043") Pitch microSD Memory Card Connector, Ultra Low -Profile, Push - Push Type, 1.45mm (.057") Height, Anti -card fly-out



Series image - Reference only

**Documents:** [Note - Please disable browser pop -up blockers for documents on www.molex.com](#)

- [Drawing \(PDF\)](#)
- [Product Specification PS-503182-004 \(PDF\)](#)
- [3D Model](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

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**Part Detail:** [\(show all\)](#)

- General
- Physical
- Electrical
- Material Info
- Reference - Drawing Numbers

**General**

Product Family	Memory Card Sockets
Series	503182
Comments	Anti-card fly-out
Component Type	Header & Ejector (Host)
Overview	microSD Memory Card Connector
Product Name	microSD Card
Style	Push -Push
Type	N/A

**Physical**

Card Detection Switch	Yes
Circuits (Loaded)	8
Durability (mating cycles max)	10, 000
Ejector Button	No
Ejector Button Side	N/A
Entry Angle	90° Angle
Keying to Mating Part	Yes
Material - Plating Mating	Gold
Material - Plating Termination	Gold, Tin
PCB Locator	No
PCB Mounting Side	Normal
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.09mm (.043")
Ports	1
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Surface Mount

**Electrical(Please review the Product Specification for specific details.)**

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

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-503182-004
Sales Drawing	SD-503182-007, SD-503182-008

**EU RoHS**  
ELV and RoHS Compliant

**China RoHS**

**REACH SVHC**  
Not Reviewed

**Low-Halogen Status**  
**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

For a multiple part number RoHS Certificate of Compliance, [click here](#).

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**Search Parts in this Series**

[503182 Series](#)

**Use With**

microSD Card

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