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**Part Number:** [503500-0991](#)  
**Status:** **Active**  
**Overview:** SD Memory Card Connectors  
**Description:** 2.50mm Pitch SD Memory Card Connector, 2.95mm Height, Normal Mount, Push-Push, with Detect, Protect and Anti-Card-Fly-Out Features

**Documents:**

[3D Model](#) [Packaging Specification SPK-503500-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-503500-001 \(PDF\)](#)

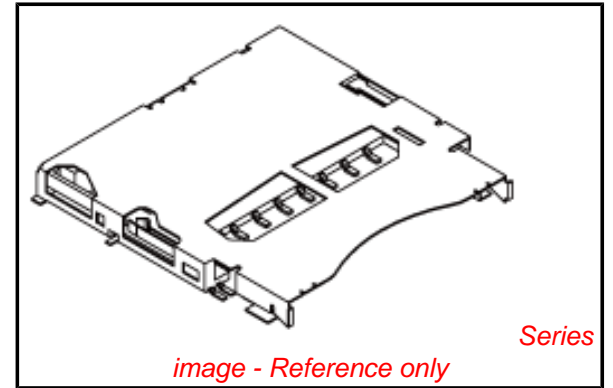


image - Reference only

**General**

Product Family	Memory Card Sockets
Series	<a href="#">503500</a>
Component Type	Header & Ejector (Host)
Overview	<a href="#">SD Memory Card Connectors</a>
Product Name	SD Card
Style	Push-Push
Type	N/A
UPC	884982101593

**Physical**

Card Detection Switch	Yes
Circuits (Loaded)	9
Durability (mating cycles max)	10,000
Ejector Button	No
Ejector Button Side	N/A
Entry Angle	90° Angle
Keying to Mating Part	Yes
Material - Metal	Copper Alloy, Stainless Steel
Material - Plating Mating	Gold
Material - Plating Termination	Gold, Tin
Net Weight	1547.679/mg
PCB Locator	No
PCB Mounting Side	Normal
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	2.50mm
Ports	1
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Surface Mount

**Electrical**

Current - Maximum per Contact	0.5A
Shielded	Yes
Voltage - Maximum	50V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	SPK-503500-001
Product Specification	PS-503500-001, RPS-503500-003
Sales Drawing	SD-503500-001, SD-503500-002

**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Low-Halogen**

**China RoHS**



**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](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**  
[503500Series](#)

**Use With**  
 SD Card

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