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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 \(PDF\)](#)

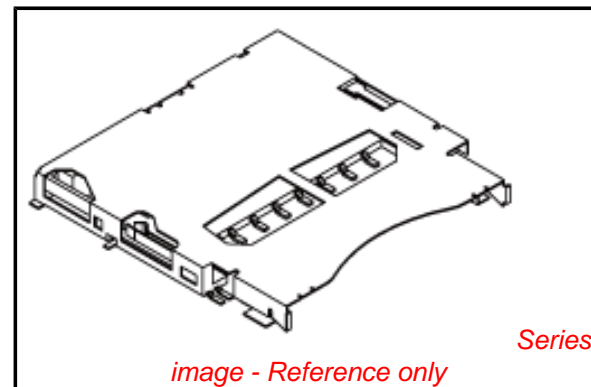


image - Reference only

General

Product Family	Memory Card Sockets
Series	503500
Component Type	Header & Ejector (Host)
Overview	SD Memory Card Connectors
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, RPS-503500-004, RPS-503500-005
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
For a multiple part number RoHS Certificate of Compliance, [click here](#)

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Search Parts in this Series

503500Series

Use With

SD Card

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