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**Part Number:** [5045200691](#)  
**Status:** **Active**  
**Description:** nano-SIM Card Connector, Pin-Eject Type, Tray Capable

**Documents:**

[3D Model](#) [Application Specification AS-504520-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-504520-001 \(PDF\)](#)

**General**

Product Family	Memory Card Sockets
Series	<a href="#">504520</a>
Comments	Tray is customer sourced.
Material - Contact	Copper Alloy
Material - Shell	Stainless Steel
Product Name	Nano-SIM
Style	Pin-Eject
UPC	887191340531

**Physical**

Card Detection Switch	Open
Card Entry Location	Front
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	3000
Ejector Button Side	Left
Material - Plating Mating	Gold over Nickel
Material - Resin	Liquid Crystal Polymer
Net Weight	364.710/mg
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.00mm
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Surface Mount

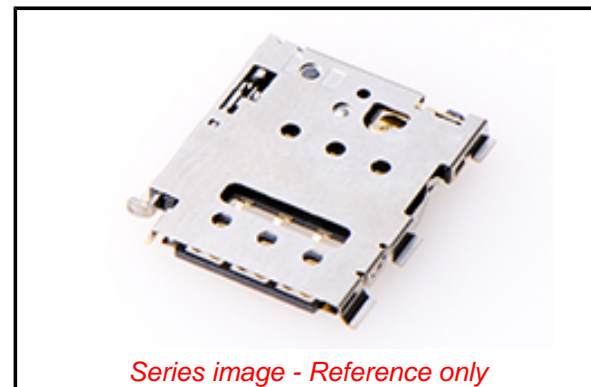
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-504520-001
Product Specification	PS-504520-001, RPS-504520-001
Sales Drawing	SD-504520-001, SD-504520-002



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**Halogen-Free**

**Status**

**Low-Halogen**

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environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS  
ELV

Green Image  
Not Relevant

**Search Parts in this Series**

[504520](#) Series

**Use With**

Nano-SIM Card