

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

**Part Number:** [1042240820](#)  
**Status:** **Active**  
**Overview:** SD and SIM Memory Card Sockets  
**Description:** nano-SIM Card Connector, 6 Circuit, Push/Pull Type, 1.11mm Height

**Documents:**

[3D Model](#) [Packaging Specification PK-104224-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-104224-001-001 \(PDF\)](#)

**General**

Product Family	Memory Card Sockets
Series	<a href="#">104224</a>
Overview	<a href="#">SD and SIM Memory Card Sockets</a>
Product Name	nano-SIM
Style	Push-Pull
UPC	889056084116

**Physical**

Card Detection Switch	No
Card Entry Location	Front
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Natural
Durability (mating cycles max)	5000
Ejector Button Side	N/A
Material - Contact	Copper Alloy
Material - Plating Mating	Gold over Palladium Nickel
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Material - Shell	Stainless Steel
Net Weight	0.138/g
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	2.54mm
Temperature Range - Operating	-25° to +85°C
Termination Interface: Style	Surface Mount

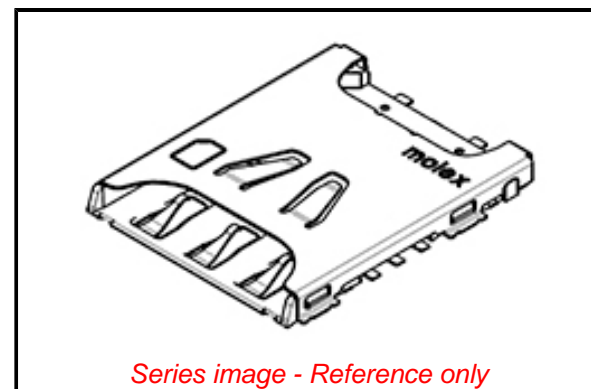
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-104224-001-001
Product Specification	PS-104224-001-001
Sales Drawing	SD-104224-001



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/71/2019 (16 July  
2019)

**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**

[104224 Series](#)

**Use With**

nano-SIM Card