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**Part Number:** [1042400631](#)  
**Status:** **Active**  
**Overview:** SIM and Combo Card Connectors  
**Description:** nano-SIM Card Connector, Pin-Eject Tray Type, 1.45mm Height, 14.20mm Width, 16.20mm Length

**Documents:**

[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-104240-001 \(PDF\)](#)  
[Packaging Specification SPK-104240-003 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family Memory Card Sockets  
Series [104240](#)  
Comments Tray is customer sourced.  
Overview [SIM and Combo Card Connectors](#)  
Product Name Nano-SIM  
Style Pin-Eject  
UPC 889056434768

**Physical**

Card Detection Switch Closed  
Card Entry Location Front  
Circuits (Loaded) 6  
Circuits (maximum) 6  
Color - Resin Black  
Durability (mating cycles max) 5000  
Ejector Button Side Right  
Material - Contact Copper Alloy  
Material - Plating Mating Gold over Palladium Nickel  
Material - Plating Termination Gold over Nickel  
Material - Resin High Temperature Thermoplastic  
Material - Shell Stainless Steel  
Net Weight 0.513/g  
PCB Retention Yes  
Packaging Type Embossed Tape on Reel  
Pitch - Mating Interface 1.10mm, 2.54mm  
Temperature Range - Operating -25° to +85°C  
Termination Interface: Style Surface Mount

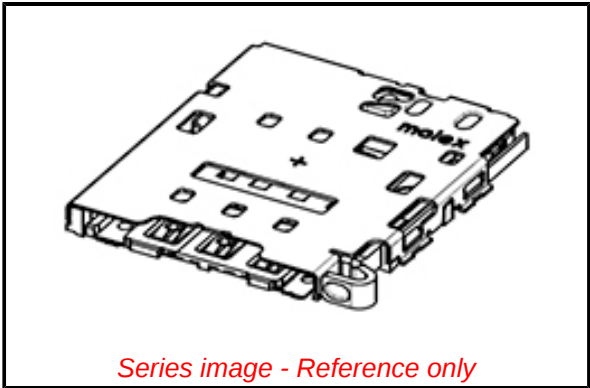
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification SPK-104240-003  
Product Specification PS-104240-001



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
ED/61/2018 (27 June  
2018)

**Halogen-Free**

**Status**

**Low-Halogen**

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

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

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[104240](#) Series

**Mates With**

Nano-SIM Card