

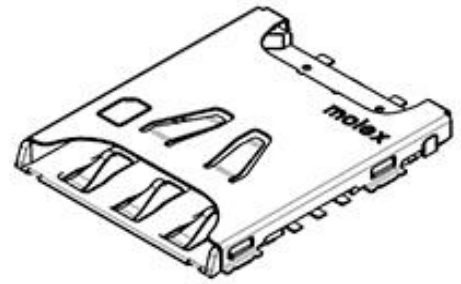
**Part Number :** [1042240820](#)

**Product Description :** nano-SIM Card Connector, 6 Circuit, Push/Pull Type, 1.11mm Height

**Series Number :** 104224

**Status :** Active

**Product Category :** Memory / SIM Card Connectors



---

## Documents and Resources

### Drawings

[1042240820\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

### Specifications


[PK-104224-001-001.pdf](#)

[PS-104224-001-001.pdf](#)

---

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 34; 33
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

### Compliance Statements

- EU RoHS
- REACH SVHC

- Low-Halogen

#### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

#### Substances of Interest

- PFAS

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

## Part Details

### General

Status	Active
Category	Memory / SIM Card Connectors
Series	104224
Description	nano-SIM Card Connector, 6 Circuit, Push/Pull Type, 1.11mm Height
Product Name	nano-SIM
Style	Push-Pull
UPC	889056084116

### Electrical

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

### 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
Packaging Type	Embossed Tape on Reel
PCB Retention	Yes
Pitch - Mating Interface	2.54mm
Temperature Range - Operating	-25° to +85°C
Termination Interface Style	Surface Mount

## Mates With / Use With

### Use with Part(s)

Description	Part Number
Use With	nano-SIM Card

---

This document was generated on Jun 09, 2026