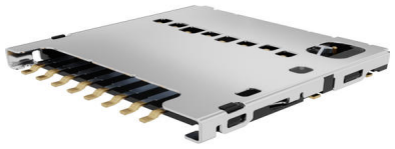
**Part Number :** 1040310811
**Product Description :** 1.10mm Pitch microSD Memory Card Connector, Surface Mount, Push-Pull Type, 1.42mm Height, with Detect Switch
**Series Number :** 104031
**Status :** Active
**Product Category :** Memory / SIM Card Connectors



## Documents and Resources

### Drawings

1040310811_sd.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

### Specifications

PK-104031-001-001.pdf

PS-104031-001-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| 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

Downloaded from Arrow.com.

- 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 | 104031 |
| Description | 1.10mm Pitch microSD Memory Card Connector, Surface Mount, Push-Pull Type, 1.42mm Height, with Detect Switch |
| Product Name | microSD Card |
| Style | Push-Pull |
| UPC | 884982018273 |

### Electrical

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

### Physical

| | |
|---|---|
| Card Detection Switch | Open |
| Card Entry Location | Front |
| Circuits (Loaded) | 8 |
| Color - Resin | Black |
| Durability (mating cycles max) | 10000 |
| Ejector Button Side | N/A |
| Material - Contact | Copper Alloy |

Downloaded from Arrow.com.

| | |
|---|---|
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Material - Shell | Stainless Steel |
| Net Weight | 0.259/g |
| Packaging Type | Embossed Tape on Reel |
| PCB Locator | No |
| PCB Retention | Yes |
| Pitch - Mating Interface | 1.10mm |
| Temperature Range - Operating | -25° to +85°C |
| Termination Interface Style | Surface Mount |

### Solder Process Data

| | |
|---|---|
| Max-Duration | 10 |
| Lead-Free Process Capability | REFLOW |
| Max-Cycle | 3 |
| Max-Temp | 260 |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| Mates With | microSD Card |



Downloaded from Arrow.com.