

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

**Part Number:** [0475710001](#)  
**Status:** **Active**  
**Overview:** SD and SIM Memory Card Sockets  
**Description:** 1.10mm Pitch microSD Card Header with Detect Switch, Height 2.30mm, Lead-Free, 0.762µm Gold (Au) Plating

**Documents:**

|                                |  |
|--------------------------------|--|
| <a href="#">3D Model</a>       | <a href="#">Product Specification PS-47309-001-001 (PDF)</a>   |
| <a href="#">3D Model (PDF)</a> | <a href="#">Packaging Specification PK-47571-001-002 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>  | <a href="#">RoHS Certificate of Compliance (PDF)</a>           |

**General**

|                  |  |
|------------------|--|
| Product Family   | Memory Card Sockets                            |
| Series           | <a href="#">47571</a>                          |
| Comments         | Push-Pull Type                                 |
| Electrical Model | Yes  |
| Overview         | <a href="#">SD and SIM Memory Card Sockets</a> |
| Product Name     | microSD Card                                   |
| Style            | Guide and Holder                               |
| Taxonomy         | Memory / SIM Card Connectors                   |
| UPC              | 822350965224                                   |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Card Detection Switch          | Open                           |
| Card Entry Location            | Front                          |
| Circuits (Loaded)              | 8                              |
| Circuits (maximum)             | 8                              |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 10000                          |
| Ejector Button Side            | N/A                            |
| Material - Contact             | Copper Alloy                   |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Nickel                         |
| Material - Resin               | High Temperature Thermoplastic |
| Material - Shell               | Stainless Steel                |
| Net Weight                     | 0.316/g                        |
| PCB Locator                    | No                             |
| PCB Retention                  | Yes                            |
| Packaging Type                 | Embossed Tape on Reel          |
| Pitch - Mating Interface       | 1.10mm                         |
| Pitch - Termination Interface  | 1.10mm                         |
| Temperature Range - Operating  | -40° to +85°C                  |
| Termination Interface: Style   | Surface Mount                  |

**Electrical**

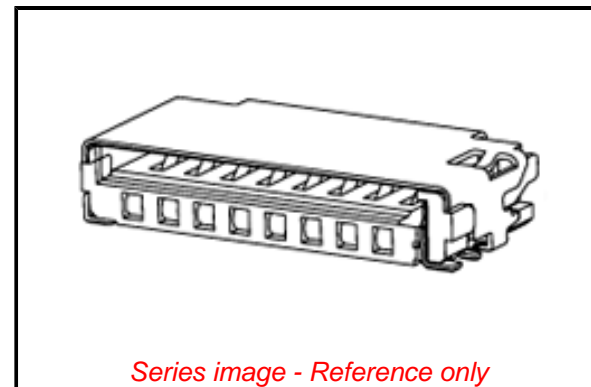
|                               |       |
|-------------------------------|-------|
| Current - Maximum per Contact | 0.5A  |
| Shielded                      | Yes   |
| Voltage - Maximum             | 5V DC |

**Solder Process Data**

|  |        |
|--|--------|
| Duration at Max. Process Temperature (seconds) | 020    |
| Lead-freeProcess Capability                    | REFLOW |
| Max. Cycles at Max. Process Temperature        | 002    |
| Process Temperature max. C                     | 255    |

**Material Info**

**Reference - Drawing Numbers**



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**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**

[47571 Series](#)

**Mates With**

Standard SIM Card

**Use With**

microSD Card

Electrical Model Document  
Packaging Specification  
Product Specification  
S-Parameter Model  
Sales Drawing

EE-47571-001-001  
PK-47571-001-002  
PS-47309-001-001  
SP-47571-001-001  
SD-47571-001-001

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