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

Documents:

[3D Model](#) [Packaging Specification PK-47571-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-47309-001-001 \(PDF\)](#)

General

| | |
|------------------|---|
| Product Family | Memory Card Sockets |
| Series | 47571 |
| Comments | Push-Pull Type |
| Electrical Model | Yes |
| Overview | microSD Memory Card Connector |
| Product Name | microSD Card |
| Style | Guide and Holder |
| 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 over Nickel |
| 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°C to +85°C |
| Termination Interface: Style | Surface Mount |

Electrical

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

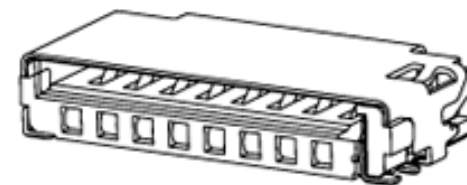
Solder Process Data

| | |
|--|--------|
| 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

| | |
|---------------------------|--------------|
| Electrical Model Document | EE-47571-001 |
|---------------------------|--------------|



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email 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

[47571 Series](#)

Mates With

Standard SIM Card

Use With

microSD Card

Packaging Specification
Product Specification
S-Parameter Model
Sales Drawing

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

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