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Part Number: [0473092851](#)
Status: **Active**
Overview: [microSD Memory Card Connector](#)
Description: 1.10mm Pitch microSD Card Header with Detect Switch, Height 2.85mm, Lead-Free, Gold (Au) Plated 0.762µm
Replacement Part Number: <http://www.molex.com/molex/products/listview.jsp?channel=Products&sType=p&query=047309228547309-2285> (drop-in)

Documents:

[3D Model](#) [Packaging Specification PK-47309-265-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-47309-001-001 \(PDF\)](#)

General

| | |
|-------------------------|---|
| Product Family | Memory Card Sockets |
| Series | 47309 |
| Comments | Push-Pull Type |
| Overview | microSD Memory Card Connector |
| Product Name | microSD Card |
| Replacement Part Number | 47309-2285 (drop-in) |
| Style | Guide and Holder |
| UPC | 822350614542 |

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 | Gold |
| Material - Resin | High Temperature Thermoplastic |
| Material - Shell | Stainless Steel |
| Net Weight | 0.263/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 |

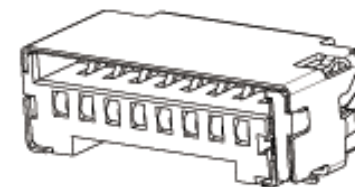
Electrical

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

Solder Process Data

| | |
|--|--------|
| Duration at Max. Process Temperature (seconds) | 003 |
| Lead-freeProcess Capability | REFLOW |
| Max. Cycles at Max. Process Temperature | 002 |
| Process Temperature max. C | 255 |

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/30/2017 (7 July 2017)

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

ELV

Prop65

RoHS Phthalates

Green Image

Not Relevant

Missing Compliance

Data

Not Contained

Search Parts in this Series

[47309](#) Series

Mates With

Standard SIM Card

Use With

microSD Card

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

PK-47309-265-001

PS-47309-001-001

SD-47309-001-001

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