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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	<a href="#">47571</a>
Comments	<LI>Push-Pull Type
Electrical Model	Yes
Overview	<a href="#">microSD Memory Card Connector</a>
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

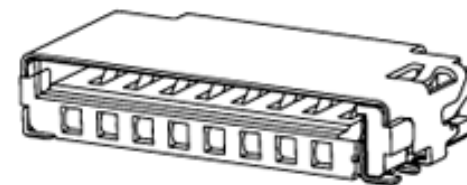
**Solder Process Data**

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
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*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](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[47571 Series](#)

**Mates With**

Standard SIM Card

**Use With**

microSD Card

Packaging Specification

PK-47571-001

Product Specification

PS-47309-001-001

S-Parameter Model

SP-47571-001

Sales Drawing

SD-47571-001-001

\*microSD is a trademark or registered trademark of SD-3C, LLC.

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