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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

**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	<a href="#">47309</a>
Comments	Push-Pull Type
Overview	<a href="#">microSD Memory Card Connector</a>
Product Name	microSD Card
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°C to +85°C
Termination Interface: Style	Surface Mount

**Electrical**

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

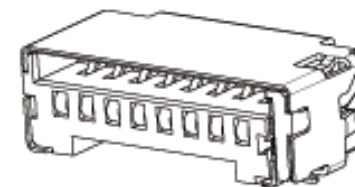
**Solder Process Data**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-47309-265-001
Product Specification	PS-47309-001-001



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[47309 Series](#)

**Mates With**

Standard SIM Card

**Use With**

microSD Card

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