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Part Number: [0473093751](#)
Status: **Active**
Overview: microSD Memory Card Connector
Description: 1.10mm Pitch microSD Card Header, with Detect Switch, Height 3.75mm, Lead-Free, Gold (Au) Plated 0.762µm

Documents:

[3D Model](#) [Packaging Specification PK-47309-375-001 \(PDF\)](#)
[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
Style	Guide and Holder
UPC	822350586436

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	0.327/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

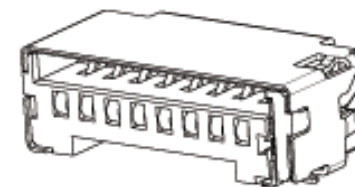
Solder Process Data

Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	255

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-47309-375-001
Product Specification	PS-47309-001-001



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

[47309 Series](#)

Mates With

Standard SIM Card

Use With

microSD Card

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