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Part Number: [0473092651](#)
Status: **Active**
Overview: microSD Memory Card Connector
Description: 1.10mm Pitch microSD* Card Header with Detect Switch, Height 2.65mm, Lead-Free, Gold (Au) Plated 0.762µm

Documents:

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

General

Product Family	Memory Card Sockets
Series	47309
Comments	Push-Pull Type
Component Type	I/O Header (Card)
Overview	<u>microSD Memory Card Connector</u>
Product Name	microSD* Card, TransFlash
Style	Guide and Holder
Type	N/A
UPC	822350586429

Physical

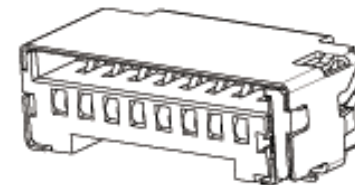
Card Detection Switch	Yes
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	10000
Ejector Button	No
Ejector Button Side	N/A
Entry Angle	90° Angle
Keying to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	0.262/g
PCB Locator	No
PCB Mounting Side	Normal
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.09mm
Pitch - Termination Interface	1.09mm
Plating min - Mating	0.762µm
Plating min - Termination	0.051µm
Ports	1
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

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

Green Image
Not Relevant

Search Parts in this Series

[47309 Series](#)

Mates With

Standard SIM Card

Use With

microSD Card

Process Temperature max. C 255

Material Info

Reference - Drawing Numbers

Product Specification PS-47309-001

Sales Drawing SD-47309-001

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

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