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Part Number: [0473092651](#)
Status: **Active**
Overview: [microsd](#)
Description: 1.10mm (.043") Pitch microSD Card Header with Detect Switch, Height 2.65mm (.104"), Lead-Free

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	microsd
Product Name	microSD Card, TransFlash
Style	Guide and Holder
Type	N/A

Physical

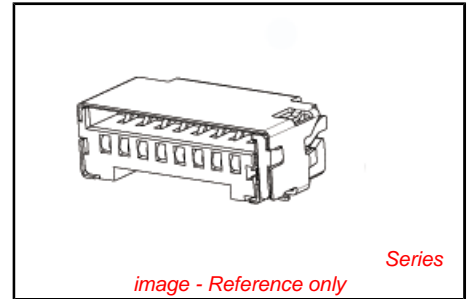
Card Detection Switch	Yes
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	10,000
Ejector Button	No
Ejector Button Side	N/A
Entry Angle	90° Angle
Keying to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
PCB Locator	No
PCB Mounting Side	Normal
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.09mm (.043")
Pitch - Termination Interface	1.09mm (.043")
Plating min - Mating	0.762µm (30µ")
Plating min - Termination	0.051µm (2µ")
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)	10
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	2
Process Temperature max. C	255



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[47309Series](#)

Mates With

[Standard SIM Card](#)

Use With

[microSD Card](#)

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-47309-001
SD-47309-001

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