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Part Number: [0473093751](#)
Status: **Active**
Overview: [microsd](#)
Description: 1.10mm (.043") Pitch microSD Card Header, with Detect Switch, Height 3.75mm (.148"), 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

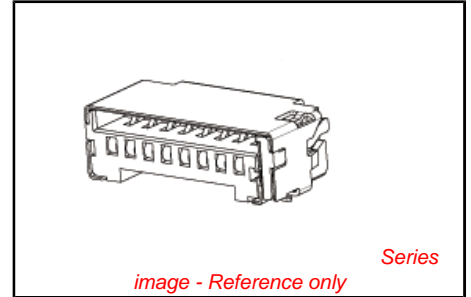
Card Detection Switch Yes
 Circuits (Loaded) 8
 Circuits (maximum) 8
 Color - Resin Black
 Durability (mating cycles max) 10,000
 Ejector Button No
 Ejector Button Side N/A
 Entry Angle 90° Angle
 Keying to Mating Part Yes
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - 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

Packaging Specification	PK-47309-375
Product Specification	PS-47309-001
Sales Drawing	SD-47309-001

This document was generated on 01/11/2011

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