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Part Number:

47309-3751

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

Drawing (PDF)

Product Specification PS-47309-001 (PDF)

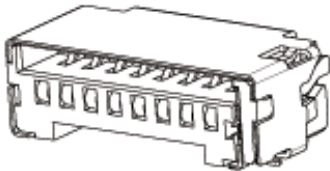
RoHS Certificate of Compliance (PDF)

General	
Product Family	Memory Card Sockets
Series	47309
Comments	Push-Pull Type
Component Type	I/O Header (Card)
Overview	microSD Memory Card Connector
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
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)	10
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	2
Process Temperature max. C	255



Series
image - Reference only

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

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	PS-47309-001
Sales Drawing	SD-47309-001

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