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Part Number: [1050270001](#)
Status: **Active**
Overview: microSD Memory Card Connector
Description: 1.10mm, 0.75mm, 0.70mm Pitch microSD* Card Header with Detect Switch, Height 1.70mm, Lead-Free, 0.762µm Gold (Au) Plating

Documents:

[3D Model](#) [Test Summary TS-105027-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-105027-001 \(PDF\)](#)

General

Product Family	Memory Card Sockets
Series	105027
Comments	Ground Pin located between Pin 4 and 5
Component Type	I/O Header (Card)
Overview	microSD Memory Card Connector
Product Name	microSD* Card, TransFlash
Style	Guide and Holder
Type	N/A
UPC	883906118709

Physical

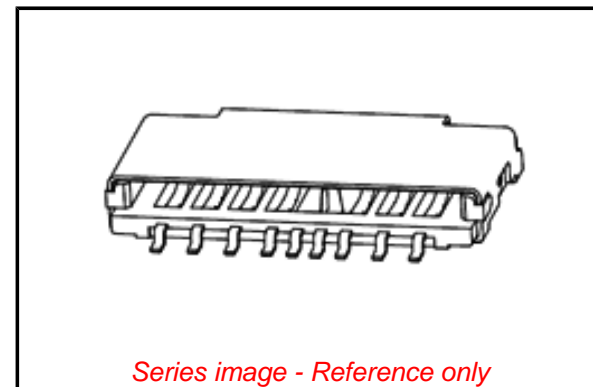
Card Detection Switch	Yes
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	10000
Ejector Button	No
Ejector Button Side	N/A
Entry Angle	Horizontal
Keying to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Nickel
Material - Resin	High Temperature Thermoplastic
Net Weight	0.571/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	0.762µm
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)	003
Lead-freeProcess Capability	REFLOW



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

[105027](#) Series

Mates With

Standard SIM Card

Use With

microSD Card

Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	250

Material Info

Reference - Drawing Numbers

Product Specification	PS-105027-001
Sales Drawing	SD-105027-001
Test Summary	TS-105027-001

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

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