

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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	Packaging Specification PK-105027-001-000 (PDF)
Drawing (PDF)	Test Summary TS-105027-001-001 (PDF)
Product Specification PS-105027-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Memory Card Sockets
Series	105027
Comments	Ground Pin located between Pin 4 and 5, Ground Pin located between Pin 4 and 5
Overview	microSD Memory Card Connector
Product Name	microSD Card
Style	Guide and Holder
UPC	883906118709

Physical

Card Detection Switch	Open
Card Entry Location	Front
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	10000
Ejector Button Side	N/A
Material - Contact	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Nickel
Material - Resin	High Temperature Thermoplastic
Material - Shell	Stainless Steel
Net Weight	0.137/g
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.10mm
Pitch - Termination Interface	1.10mm
Temperature Range - Operating	-40° 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
Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	250

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-105027-001-000
-------------------------	-------------------



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[105027 Series](#)

Mates With

Standard SIM Card

Use With

microSD Card

This document was generated on 09/21/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION