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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:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-105027-001-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary TS-105027-001-001 (PDF)</a>
<a href="#">Product Specification PS-105027-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	Memory Card Sockets
Series	<u>105027</u>
Comments	<LI>Ground Pin located between Pin 4 and 5, <LI>Ground Pin located between Pin 4 and 5
Overview	<u>microSD Memory Card Connector</u>
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

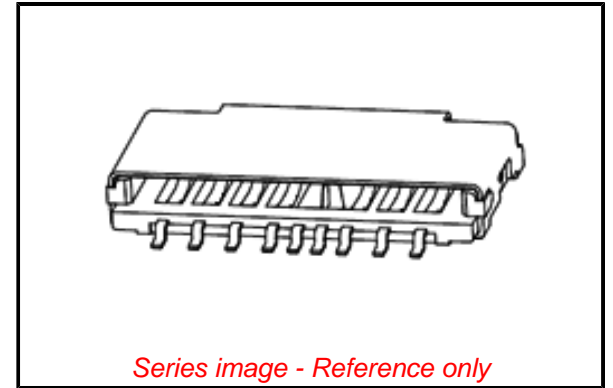
**Solder Process Data**

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
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**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

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