

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1051620001](#)  
**Status:** **Active**  
**Overview:** [microSD Memory Card Connector](#)  
**Description:** 1.10mm Pitch microSD Card Header with Detect Pin, Height 1.45mm, Lead-Free, Gold (Au) Plated 0.381µm

**Documents:**

[3D Model](#) [Packaging Specification PK-105162-001-000 \(PDF\)](#)  
[Drawing \(PDF\)](#) [Test Summary TS-105162-001-001 \(PDF\)](#)  
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	Memory Card Sockets
Series	<a href="#">105162</a>
Comments	<LI>Push-Pull Type
Electrical Model	Yes
Overview	<a href="#">microSD Memory Card Connector</a>
Product Name	microSD Card
Style	Guide and Holder
UPC	884982383333

**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
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Material - Shell	Stainless Steel
Net Weight	0.136/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

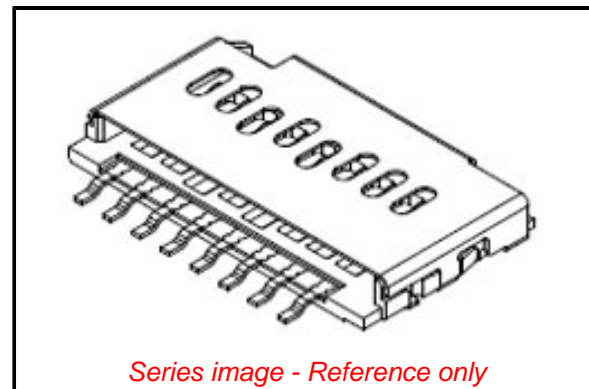
**Solder Process Data**

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**

Electrical Model Document	EE-105162-001
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*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**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**

[105162 Series](#)

**Mates With**

Standard SIM Card

**Use With**

microSD Card

Packaging Specification  
S-Parameter Model  
Sales Drawing  
Test Summary

PK-105162-001-000  
SP-105162-001  
SD-105162-001-000  
TS-105162-001-001

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