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**Part Number:** [1050780001](#)  
**Status:** **Active**  
**Overview:** [microSD Memory Card Connector](#)  
**Description:** 1.10mm Pitch microSD\* Memory Card Connector, Surface Mount, Push-Pull Type, 2.00mm Height, Lead-Free, 0.762µm Gold (Au) Plating

**Documents:**

[3D Model](#) [Packaging Specification PK-105078-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-105078-001 \(PDF\)](#)

**General**

Product Family	Memory Card Sockets
Series	<a href="#">105078</a>
Comments	Without recessed region, for Type A cards only
Overview	<a href="#">microSD Memory Card Connector</a>
Product Name	microSD* Card
Style	Guide and Holder
UPC	883906527402

**Physical**

Card Detection Switch	Open
Card Entry Location	Front
Circuits (Loaded)	9
Color - Resin	Black
Durability (mating cycles max)	5000
Ejector Button Side	N/A
Material - Contact	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Material - Shell	Stainless Steel
Net Weight	0.351/g
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.10mm
Pitch - Termination Interface	0.90mm, 1.10mm
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

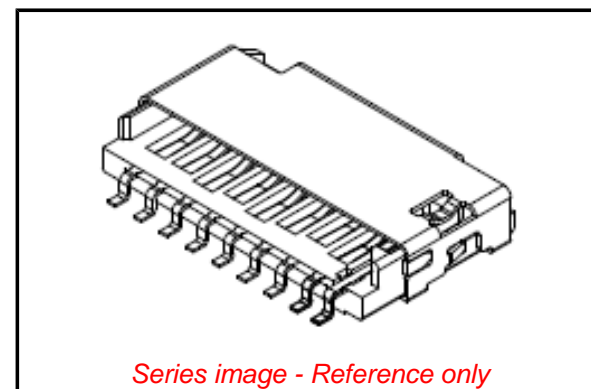
**Solder Process Data**

Duration at Max. Process Temperature (seconds)	003
Lead-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	250

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-105078-001
Product Specification	PS-105078-001
Sales Drawing	SD-105078-001



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
ED/108/2014 (17 Dec  
2014)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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**

[105078](#) Series

**Mates With**

Type A microSD Card

**Use With**

microSD Card

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

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