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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](#)
[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

| | |
|----------------|--|
| Product Family | Memory Card Sockets |
| Series | 105078 |
| Comments | Without recessed region, for Type A cards only |
| Component Type | Header & Ejector (Host) |
| Overview | microSD Memory Card Connector |
| Product Name | microSD* Card |
| Style | Guide and Holder |
| Type | N/A |
| UPC | 883906527402 |

Physical

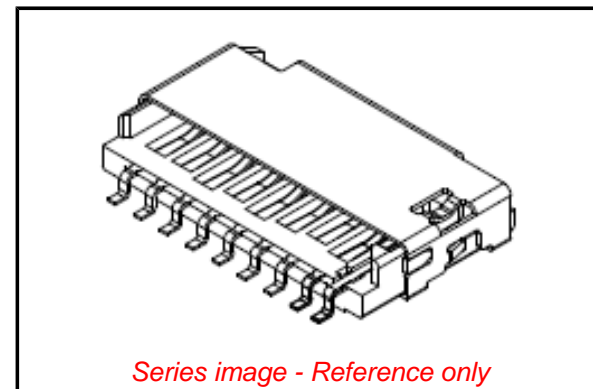
| | |
|--------------------------------|--------------------------------|
| Card Detection Switch | Yes |
| Circuits (Loaded) | 9 |
| Color - Resin | Black |
| Durability (mating cycles max) | 5000 |
| Ejector Button | No |
| Ejector Button Side | N/A |
| Entry Angle | 90° Angle |
| Keying to Mating Part | Yes |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 0.351/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 | 0.90mm, 1.09mm |
| Plating min - Mating | 2.032µm |
| 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-free Process Capability | REFLOW |
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C | 250 |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

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
 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

Material Info

Reference - Drawing Numbers

Sales Drawing

SD-105078-001

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

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