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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	105078
Comments	Without recessed region, for Type A cards only
Overview	microSD Memory Card Connector
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

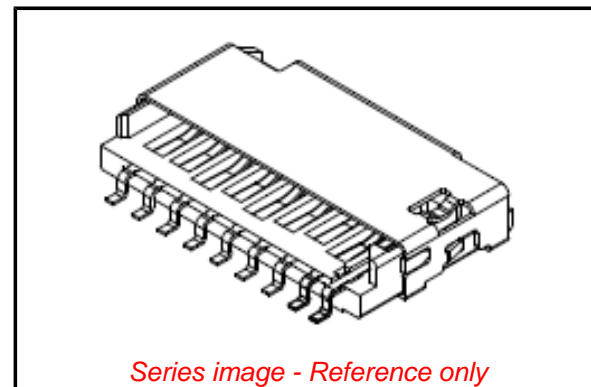
Solder Process Data

Duration at Max. Process Temperature (seconds)	003
Lead-freeProcess 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
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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