

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1040310811](#)
Status: **Active**
Overview: SD and SIM Memory Card Sockets
Description: 1.10mm Pitch microSD Memory Card Connector, Surface Mount, Push-Pull Type, 1.42mm Height, with Detect Switch

Documents:

3D Model (PDF)	Product Specification PS-104031-001-001 (PDF)
3D Model	Packaging Specification PK-104031-001-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Memory Card Sockets
Series	104031
Overview	SD and SIM Memory Card Sockets
Product Name	microSD Card
Style	Push-Pull
Taxonomy	Memory / SIM Card Connectors
UPC	884982018273

Physical

Card Detection Switch	Open
Card Entry Location	Front
Circuits (Loaded)	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 - Shell	Stainless Steel
Net Weight	0.259/g
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.10mm
Temperature Range - Operating	-25° to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	0.5A
Shielded	Yes
Voltage - Maximum	10V AC (RMS)/DC

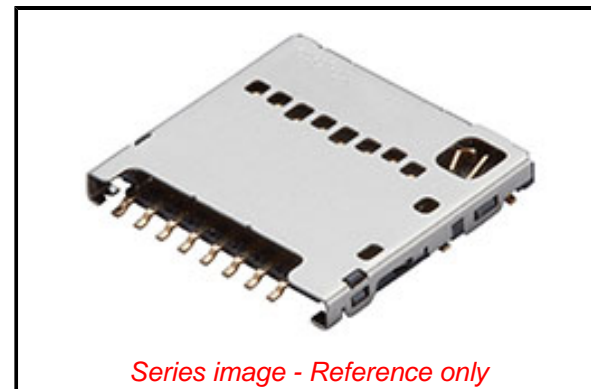
Solder Process Data

Duration at Max. Process Temperature (seconds)	010
Lead-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-104031-001-001
Product Specification	PS-104031-001-001
Sales Drawing	SD-104031-001-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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

[104031 Series](#)

Mates With

microSD Card

This document was generated on 10/18/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION