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

Documents:

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

General

Product Family	Memory Card Sockets
Series	104031
Overview	microSD Memory Card Connector
Product Name	microSD Card
Style	Push-Pull
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 over Nickel
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°C 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

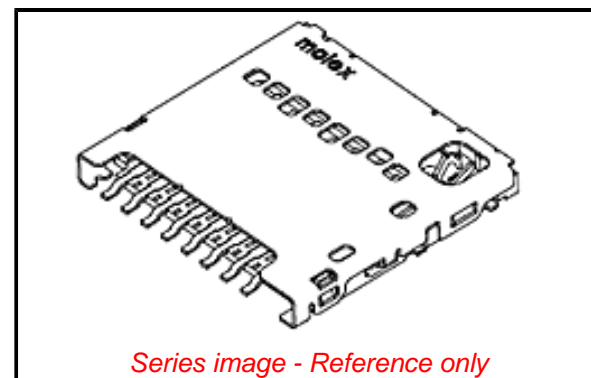
Duration at Max. Process Temperature (seconds)	010
Lead-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

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

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July 2017)

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

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[104031 Series](#)

Mates With

microSD* Card

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