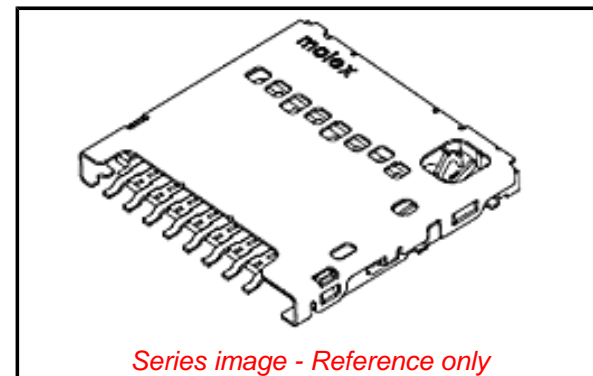


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Part Number: [1040310811](#)
Status: **Active**
Overview: [microSD Memory Card Connector](#)
Description: 1.10mm Pitch microSD Memory Card Connector, Surface Mount, Push-Pull Type, 1.42mm Height, with Detect Switch

Documents:

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



Series image - Reference only

General

Product Family	Memory Card Sockets
Series	104031
Component Type	Header & Ejector (Host)
Overview	microSD Memory Card Connector
Product Name	microSD Card
Style	Push-Pull
Type	N/A
UPC	884982018273

Physical

Card Detection Switch	Yes
Circuits (Loaded)	8
Color - Resin	Black
Durability (mating cycles max)	10,000
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
Net Weight	0.259/g
PCB Locator	No
PCB Mounting Side	Normal
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.09mm
Ports	1
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-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-104031-001
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EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2014

December 17): No

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

China RoHS

Green Image

Not Relevant

Search Parts in this Series

[104031 Series](#)

Mates With

microSD Card

Product Specification

Sales Drawing

PS-104031-001, RPS-104031-002, RPS-104031-004,
RPS-104031-005
SD-104031-001

This document was generated on 06/29/2015

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