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Part Number: [1041681616](#)
Status: **Active**
Overview: [microSD/SIM Card Combo Connector](#)
Description: [microSD Combo Connector, 2.28mm Height, Push-Pull, Normal Mount, With Detect Switch, 8-Circuit Card Type, with Enhanced Anti-Buckling Terminal Design](#)

Documents:

[3D Model](#) [Packaging Specification SPK-104168-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-104168-002-001 \(PDF\)](#)

General

Product Family	Memory Card Sockets
Series	104168
Comments	Copper Alloy Terminal Material, Process Temperature Max = 250 C, 5 Second Duration at Max Process Temperature, 2 Cycles at Max Process Temperature
Overview	microSD/SIM Card Combo Connector
Product Name	Combo, micro-SIM, microSD Card
Style	Push-Pull
UPC	889056024020

Physical

Card Detection Switch	Open
Card Entry Location	Front
Circuits (Loaded)	8
Color - Resin	Natural
Durability (mating cycles max)	10000
Ejector Button Side	N/A
Material - Plating Mating	Gold over Palladium Nickel
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Material - Shell	Stainless Steel
Net Weight	0.430/g
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.10mm, 2.54mm
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

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

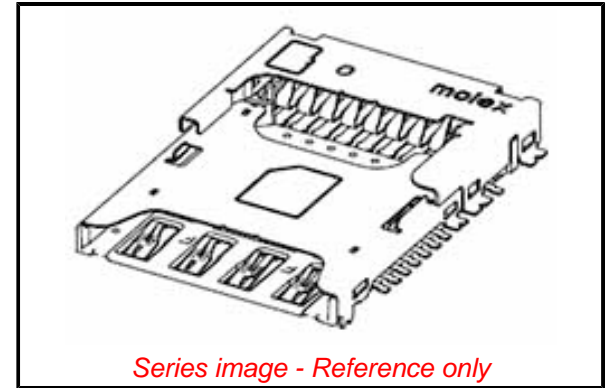
Solder Process Data

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	SPK-104168-001-001
Product Specification	PS-104168-002-001
Sales Drawing	SD-104168-004



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[104168 Series](#)

Mates With

microSD Card, micro-SIM Card

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