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Part Number: [1041681620](#)
Status: **Active**
Overview: [microSD/SIM Card Combo Connector](#)
Description: microSD*/micro-SIM Combo Connector, 2.28mm Height, Push-Pull, Normal Mount, With Detect Switch, 8-Circuit Card Type

Documents:

3D Model	Packaging Specification PK-104168-001 (PDF)
Drawing (PDF)	Packaging Specification SPK-104168-002 (PDF)
Product Specification PS-104168-001-001 (PDF)	RoHS Certificate of Compliance (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	887191254715

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 Nickel
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Material - Shell	Stainless Steel
Net Weight	0.500/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

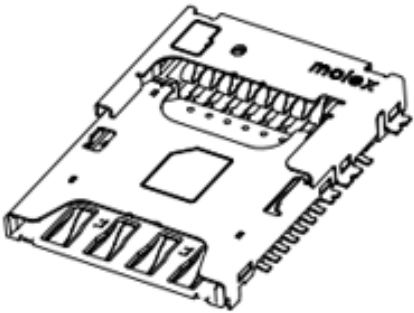
Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-104168-001, SPK-104168-002
Product Specification	PS-104168-001-001
Sales Drawing	SD-104168-001

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per

-ED/01/2017 (12

January 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

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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