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Part Number: [1041681616](#)
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, with Enhanced Anti-Buckling Terminal Design](#)

Documents:

Drawing (PDF)	Packaging Specification SPK-104168-001 (PDF)
Product Specification PS-104168-002 (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
Component Type	Card Holder (Host)
Overview	microSD/SIM Card Combo Connector
Product Name	Combo, micro-SIM, microSD* Card
Style	Push-Pull
Type	N/A
UPC	889056024020

Physical

Card Detection Switch	Yes
Circuits (Loaded)	8
Color - Resin	Natural
Durability (mating cycles max)	10000
Ejector Button	No
Ejector Button Side	N/A
Entry Angle	Horizontal
Keying to Mating Part	Yes
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	0.430/g
PCB Locator	Yes
PCB Mounting Side	Normal
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.10mm, 2.54mm
Ports	2
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

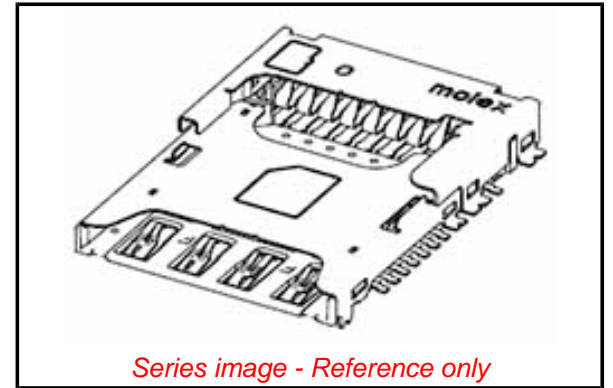
Current - Maximum per Contact	0.5A
Voltage - Maximum	10V

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

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

Green Image

Not Relevant

Search Parts in this Series

[104168 Series](#)

Mates With

microSD* Card, micro-SIM Card

Packaging Specification
Product Specification
Sales Drawing

SPK-104168-001
PS-104168-002, RPS-104168-001
SD-104168-004

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

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