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**Part Number:** [1046421610](#)  
**Status:** **Active**  
**Overview:** [microSD/SIM Card Combo Connector](#)  
**Description:** microSD\*/micro-SIM Combo Connector, 2.10mm Height, Pull-Lever Eject, Normal Mount, With Detect Switch, 8-Circuit Card Type

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-104642-001 \(PDF\)](#)  
[Product Specification PS-104642-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	Memory Card Sockets
Series	<a href="#">104642</a>
Component Type	Card Holder (Host)
Overview	<a href="#">microSD/SIM Card Combo Connector</a>
Product Name	Combo, micro-SIM, microSD* Card
Style	Pull-Lever
Type	N/A
UPC	889056183864

**Physical**

Card Detection Switch	Yes
Circuits (Loaded)	16
Color - Resin	Natural
Durability (mating cycles max)	10000
Ejector Button	Yes
Ejector Button Side	Left
Entry Angle	Horizontal
Keying to Mating Part	Yes
Material - Plating Mating	Gold over Palladium Nickel
Material - Resin	Liquid Crystal Polymer
Net Weight	0.420/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**

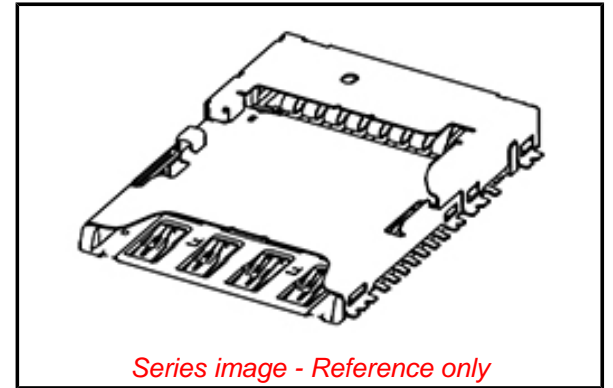
Current - Maximum per Contact	0.5A
Voltage - Maximum	10V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-104642-001
Product Specification	PS-104642-001
Sales Drawing	SD-104642-001

\*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/79/2015 (17  
December 2015)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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**

[104642 Series](#)

**Mates With**

microSD\* Card, micro-SIM Card