

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1050481001](#)  
**Status:** **Active**  
**Overview:** SIM and Combo Card Connectors  
**Description:** 2.54mm SIM Card Connector, 6 Circuits, Surface Mount, with Guide Rail, Housing Height 1.45mm, Lead-Free  
**Replacement Part Number:** <http://www.molex.com/molex/products/listview.jsp?channel=Products&sType=p&query=1050480001105048-0001> (drop-in)

**Documents:**

[3D Model](#) [Packaging Specification PK-105048-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-105048-001-001 \(PDF\)](#)

**General**

Product Family	Memory Card Sockets
Series	<a href="#">105048</a>
Overview	<a href="#">SIM and Combo Card Connectors</a>
Product Name	mini-SIM
Replacement Part Number	<a href="#">105048-0001</a> (drop-in)
Style	Guide and Holder
UPC	884982207134

**Physical**

Card Detection Switch	No
Card Entry Location	Front
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	5000
Ejector Button Side	N/A
Material - Contact	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Material - Shell	Stainless Steel
Net Weight	566.784/mg
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Temperature Range - Operating	-40° to +85°C
Termination Interface: Style	Surface Mount

**Electrical**

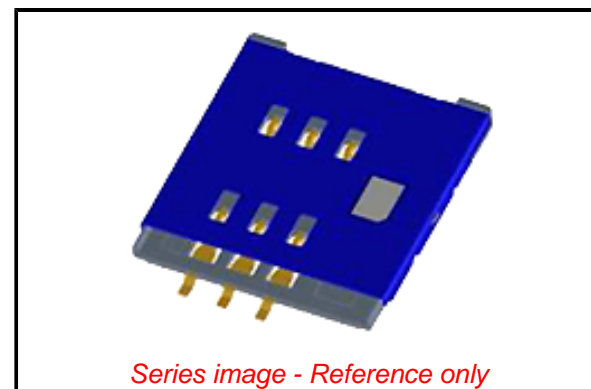
Current - Maximum per Contact	0.5A
Shielded	Yes
Voltage - Maximum	5V DC

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	255

**Material Info**

**Reference - Drawing Numbers**



*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](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[105048 Series](#)

**Mates With**

Standard SIM Card

Packaging Specification  
Product Specification  
Sales Drawing

PK-105048-001  
PS-105048-001-001  
SD-105048-101

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[N7E50-7516PG-20-WF](#) [2041353-2](#) [33CFAE-DN](#) [502431-1011](#) [EN2997S61212BN](#) [EN2997SE61212BN](#) [95622-003LF](#) [95079-00CALF](#) [68-580163-21S](#) [33DVIR-29S12R](#) [125A-78C00](#) [MI20A-50PD-SF-EJL\(71\)](#) [KP10S-SF-PEJ\(812\)](#) [504536-0691](#) [504580-0691](#) [CCM03-3109 B LFT](#)  
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