

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [105048-0001](#)
Status: **Active**
Overview: SIM - Smart Card
Description: 2.54mm SIM Card Connector, Guide and Holder Style, 6 Circuits, SMT, Housing Height 1.45mm, Lead-Free

Documents:

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

General

Product Family	Memory Card Sockets
Series	105048
Component Type	Card Holder (Host)
Overview	SIM - Smart Card
Product Name	SIM
Style	Guide and Holder
Type	N/A
UPC	883906159931

Physical

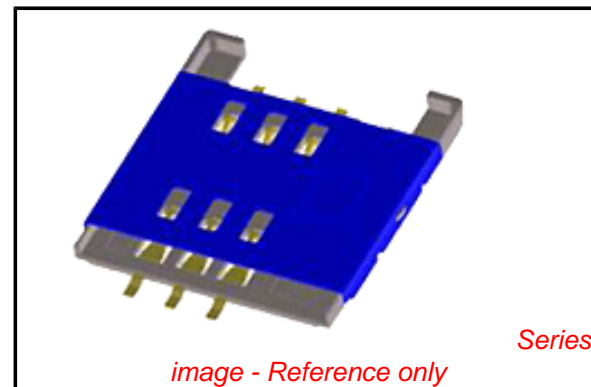
Card Detection Switch	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	5,000
Ejector Button	No
Ejector Button Side	N/A
Entry Angle	Horizontal
Keying to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	0.536/g
PCB Locator	No
PCB Mounting Side	Normal
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.381µm
Plating min - Termination	0.051µm
Ports	1
Temperature Range - Operating	-40°C 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)	3
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	2



EU RoHS

ELV and RoHS Compliant
REACH SVHC
Contains SVHC: Yes

China RoHS



[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohex-1-en-1-yl]naphthalen-1-yl]4-(dimethylamino)phenyl]dibutyltin dichloride (DBT)
 1-bromopropane

Low-Halogen Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

105048Series

Mates With

Standard SIM Card

Process Temperature max. C 250

Material Info

Reference - Drawing Numbers

Product Specification PS-105048-001, RPS-105048-001

This document was generated on 07/01/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION