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**Part Number:** [47019-2402](#)  
**Status:** **Active**  
**Overview:** SIM - Smart Card  
**Description:** 2.54mm Pitch SIM Card Connector, Block Style, 6 Circuits, Housing Height 2.40mm, Lead-Free

**Documents:**

[3D Model](#)  
[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	Memory Card Sockets
Series	<a href="#">47019</a>
Comments	Housing Height: 2.40mm
Component Type	Header/Socket (Host)
Overview	<a href="#">SIM - Smart Card</a>
Product Name	SIM
Style	Block
Type	N/A
UPC	800756752822

**Physical**

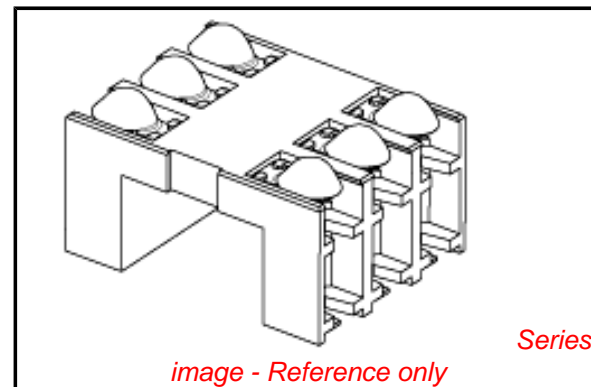
Card Detection Switch	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	3,000
Ejector Button	No
Ejector Button Side	N/A
Entry Angle	90° Angle (Side Entry), Vertical (Top Entry)
Keying to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	0.337/g
PCB Locator	No
PCB Mounting Side	Reverse
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.813µm
Plating min - Termination	0.051µm
Ports	0
Temperature Range - Operating	-30°C to +85°C
Termination Interface: Style	Surface Mount

**Electrical**

Current - Maximum per Contact	0.5A
Shielded	No
Voltage - Maximum	15V DC

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Reflow Capable (SMT only)



*image - Reference only*

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Low-Halogen**

**China RoHS**



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

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

47019Series

**Mates With**

Standard SIM Card

Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	250

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing	SD-47019-001
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