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Part Number: **1510590001**
Status: **Active**
Overview: SIM and Combo Card Connectors
Description: Block-Style SIM Connector with Nano-SIM Card Socket Shell, 0.34mm Height, 0.50µm Gold (Au) Plating, 6 Circuits, Low-Halogen

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-151059-0001-001 \(PDF\)](#) [Product Literature \(PDF\)](#)
[Packaging Specification PK-151059-0001 \(PDF\)](#)

General

Product Family	Memory Card Sockets
Series	151059
Comments	Housing Height: 0.30mm; Soldertail Height: 0.04mm
Overview	SIM and Combo Card Connectors
Product Literature Order No	987651-2101
Product Name	Block SIM
Style	Block
UPC	887191907437

Physical

Card Detection Switch	No
Card Entry Location	Top
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	750
Ejector Button Side	N/A
Material - Contact	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Matte Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	56.879/mg
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	2.54mm
Temperature Range - Operating	-30°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	0.5A
Shielded	No
Voltage - Maximum	10V DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	040
Lead-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-151059-0001
Product Specification	PS-151059-0001-001
Sales Drawing	SD-151059-0001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[151059 Series](#)

Use With

Nano-SIM Card

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