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**Part Number:** **0785450010**  
**Status:** **Active**  
**Overview:** SIM and Combo Card Connectors  
**Description:** Block-Style SIM Connector (0.30mm Height) with Nano-SIM Card Socket Shell, 0.38µm Gold(Au) Plating, 6 Circuits, Low-Halogen

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-78545-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-78545-002-001 (PDF)</a>	<a href="#">Product Literature (PDF)</a>

**General**

Product Family	Memory Card Sockets
Series	78545
Comments	Housing Height: 0.30mm; Soldertail height: nil. This product is used with customer-supplied ejector tray
Overview	<u>SIM and Combo Card Connectors</u>
Product Literature Order No	987651-2101
Product Name	Block SIM
Style	Block
UPC	887191273280

**Physical**

Card Detection Switch	No
Card Entry Location	Front
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	500
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	0.053/g
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	-30°C to +85°C
Termination Interface: Style	Surface Mount

**Electrical**

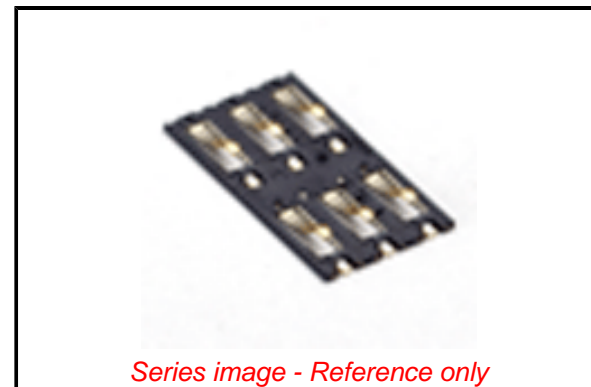
Current - Maximum per Contact	0.5A
Shielded	Yes
Voltage - Maximum	15V DC

**Solder Process Data**

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

**Material Info**

**Reference - Drawing Numbers**



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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[78545 Series](#)

**Use With**

Micro or Nano-SIM Card or hybrid Micro/  
Nano-SIM Card

Packaging Specification  
Product Specification  
Sales Drawing

PK-78545-001  
PS-78545-002-001  
SD-78545-003

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