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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:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#) [Product Literature \(PDF\)](#)
[Packaging Specification PK-78545-001 \(PDF\)](#)

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
Material - Contact	Copper Alloy
Material - Shell	Stainless Steel
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 - Plating Mating	Gold over Nickel
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
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

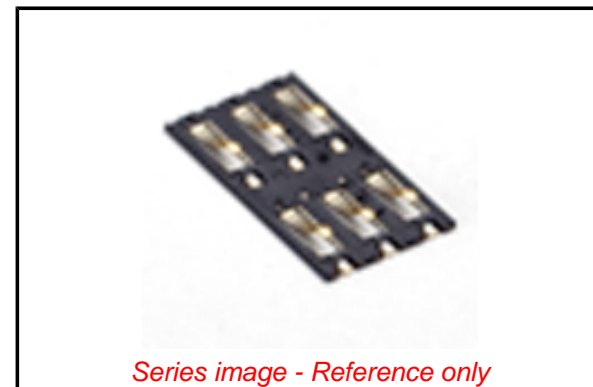
Current - Maximum per Contact	0.5A
Shielded	Yes
Voltage - Maximum	15V DC

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



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/21/2016 (20 June 2016)

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

ELV

Green Image

Not Relevant

Search Parts in this Series

[78545 Series](#)

Use With

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

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