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Part Number: [78545-0010](#)
Status: **Active**
Overview: SIM - Smart Card Connectors
Description: Block-Style SIM Connector (0.30mm Height) with Nano-SIM Card Socket Shell, 0.38µm Gold(Au) Plating, 6 circuits; Halogen-free

Documents:

[3D Model](#) [Product Specification PS-78545-002 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

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
Component Type	Header/Socket (Host)
Overview	SIM - Smart Card Connectors
Product Name	Block SIM
Style	Block
Type	N/A
UPC	887191273280

Physical

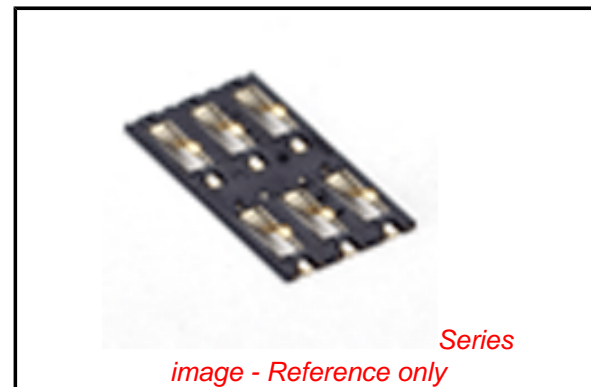
Card Detection Switch	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	500
Ejector Button	No
Ejector Button Side	N/A
Entry Angle	Horizontal
Keying to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	0.053/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	-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)	40
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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
 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

[78545Series](#)

Mates With

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

Use With

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

Lead-free Process Capability
Max. Cycles at Max. Process Temperature
Process Temperature max. C

Reflow Capable (SMT only)
3
260

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-78545-002, RPS-78545-002
SD-78545-003

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