

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0786463001**  
**Status:** **Active**  
**Overview:** micro-SIM Card Sockets  
**Description:** micro-SIM Card Socket without Detect Switch, 1.45mm Height, Push-Pull Eject, Surface Mount, 6 Circuits, Low-Halogen, Lead-Free

**Documents:**

[3D Model](#) [Product Specification PS-78646-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	Memory Card Sockets
Series	78646
Overview	micro-SIM Card Sockets
Product Name	micro-SIM
Style	Push-Pull
UPC	884982798830

**Physical**

Card Detection Switch	No
Card Entry Location	Front
Circuits (Loaded)	6
Circuits (maximum)	6
Durability (mating cycles max)	1500
Ejector Button Side	N/A
Material - Contact	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Shell	Stainless Steel
Net Weight	0.243/g
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.27mm
Temperature Range - Operating	-30° to +85°C
Termination Interface: Style	Surface Mount

**Electrical**

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

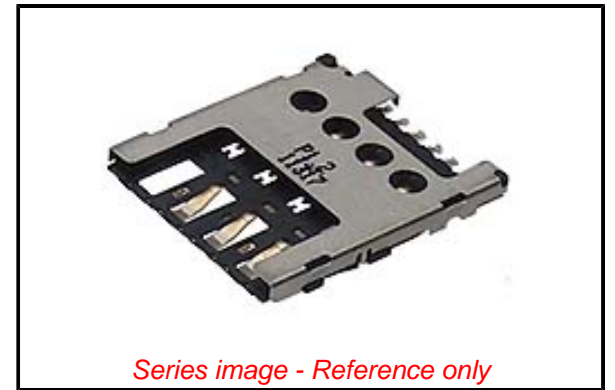
**Solder Process Data**

Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

**Material Info**

**Reference - Drawing Numbers**

Electrical Model Document	EE-78646-001
Product Specification	PS-78646-001-001
Sales Drawing	SD-78646-001-001



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/71/2019 (16 July  
2019)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

78646 Series

**Mates With**

micro-SIM Card