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**Part Number:** **0545991019**  
**Status:** **Active**  
**Overview:** 2.00mm I/O Connectors  
**Description:** 2.00mm Pitch I/O Hand Soldering Type Plug Set, Gray Cover, 10 Circuits

**Documents:**

[3D Model](#) [Application Specification AS-54599-003-001 \(PDF\)](#)  
[3D Model \(PDF\)](#) [Packaging Specification 545999200SPK-200 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-55445-007-001 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family I/O Connectors  
Series [54599](#)  
Application Wire-to-Board  
Component Type Kit  
Overview [2.00mm I/O Connectors](#)  
Product Name 2.00mm I/O Connectors  
Taxonomy I/O Connectors  
Type N/A  
UPC 822348383009

**Physical**

Circuits (Loaded) 10  
Circuits (maximum) 10  
Color - Resin Black, Gray  
Durability (mating cycles max) 50  
Lock to Mating Part Yes  
Material - Metal Phosphor Bronze  
Material - Plating Mating Gold  
Material - Plating Termination Tin  
Material - Resin Polyamide, Polycarbonate  
Net Weight 12870.178/mg  
Number of Rows 2  
Orientation Vertical  
Packaging Type Bag  
Panel Mount No  
Pitch - Mating Interface 2.00mm  
Plating min - Mating 0.305µm  
Plating min - Termination 1.016µm  
Polarized to Mating Part Yes  
Temperature Range - Operating -40° to +85°C  
Termination Interface: Style Solder or Weld

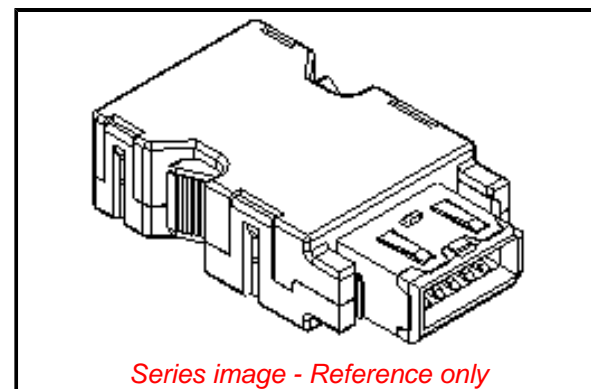
**Electrical**

Current - Maximum per Contact 2.0A  
Shielded Yes  
Voltage - Maximum 125V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification AS-54599-003-001  
Packaging Specification 545999200SPK-200  
Product Specification PS-55445-007-001



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**Halogen-Free**

**Status**

**Not 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**

[54599 Series](#)

**Mates With**

2.00mm Pitch I/O PCB Receptacle  
[554451029](#)

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