

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0545991019**
Status: **Active**
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)
Drawing (PDF)	Packaging Specification 545999200SPK-200 (PDF)
Product Specification PS-55445-007-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

General

Product Family	I/O Connectors
Series	54599
Application	Wire-to-Board
Component Type	Kit
Product Name	N/A
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	13145.781/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

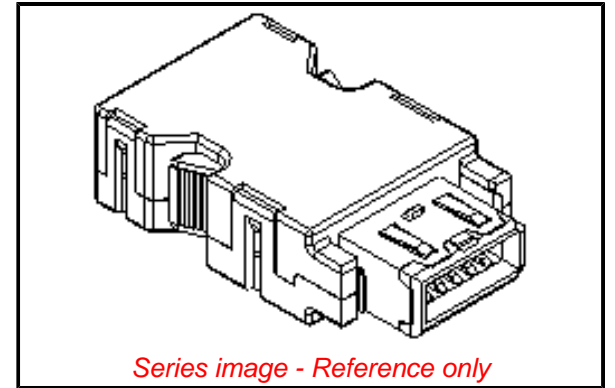
Electrical

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
Sales Drawing	SD-54599-006



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

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
[55445-1019](#) , [55445-1029](#)

This document was generated on 10/15/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[54599-1019](#)