



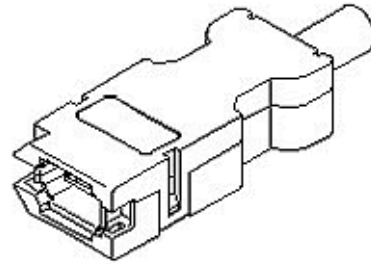
Part Number : [5006550609](#)

Product Description : 2.00mm Pitch Serial I/O Connector, Socket Kit, Wire-to-Wire Crimp Type, Without Flange, 6 Circuits

Series Number : 500655

Status : Active

Product Category : I/O Connectors



---

## Documents & Resources

### Drawings

[5006550609\\_sd.pdf](#)

### 3D Models and Design Files

[5006550609\\_stp.zip](#)

### Specifications

[5006540609AS-A00.pdf](#)

[551000680AS-A00.pdf](#)

[5006559200-SPK-200.pdf](#)

[PS-500655-002-001.pdf](#)

---

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Perfluorobutane sulfonic acid (PFBS) and its salts... per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

## Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

---

### Part Details

#### General

Status	Active
Category	I/O Connectors
Series	500655
Description	2.00mm Pitch Serial I/O Connector, Socket Kit, Wire-to-Wire Crimp Type, Without Flange, 6 Circuits
Application	Wire-to-Wire
Component Type	Receptacle
Product Name	2.00mm I/O Connectors
Type	N/A
UPC	822348383078

#### Electrical

Current - Maximum per Contact	1.5A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	125V AC (RMS)/DC

#### Physical

Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black, Gray
Durability (mating cycles max)	750
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze, Steel
Material - Plating Mating	N/A

Material - Resin	Polycarbonate, Polyester
Net Weight	9653.841/mg
Number of Rows	2
Orientation	Vertical
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Polarized to Mating Part	Yes
Ports	1
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	N/A
Waterproof / Dustproof	No

---

## Mates With / Use With

### Mates with Part(s)

Description	Part Number
2.00mm Pitch Serial I/O Connector, Plug Kit, Wire-to-Wire, Crimp Type, 6 Circuits	<u>5006540609</u>
2.00mm Pitch Serial I/O Connector, Plug Kit, Wire-to-Wire, Solder Type, 6 Circuits, Bag	<u>551000670</u>

### Use with Part(s)

Description	Part Number
2.00mm Pitch Crimp Terminal, Male, Phosphor Bronze, .076µm Gold (Au) Plating, Reel, for Socket Kit Housing	<u>5001450128</u>