



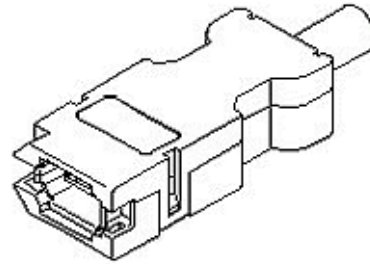
Part Number : [5006550809](#)

Product Description : 2.00mm Pitch Serial I/O Connector, Socket Kit, Wire-to-Wire Crimp Type, Without Flange, 8 Circuits

Series Number : 500655

Status : Active

Product Category : I/O Connectors



Documents & Resources

Drawings

[5006550809_sd.pdf](#)

3D Models and Design Files

[5006550809_stp.zip](#)

Specifications

[5006540609AS-A00.pdf](#)

[551000680AS-A00.pdf](#)

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

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

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains 2-(2H-Benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol; 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, 8 Circuits
Application	Wire-to-Wire
Component Type	Receptacle
Product Name	2.00mm I/O Connectors
Type	N/A
UPC	822348383085

Electrical

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

Physical

Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Gray
Durability (mating cycles max)	750
Lock to Mating Part	Yes
Material - Metal	Steel

Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polycarbonate
Net Weight	10141.509/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	Crimp or Compression
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, 8 Circuits	<u>5006540809</u>
2.00mm Pitch Serial I/O Connector, Plug Kit, Wire-to-Wire, Solder Type, 8 Circuits	<u>551000870</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>