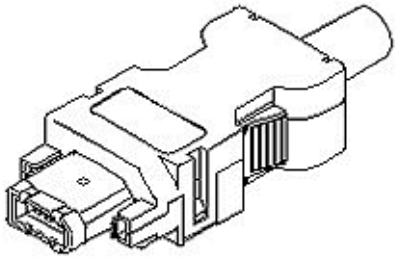
Part Number : 551000680
Product Description : 2.00mm Pitch Serial I/O Connector, Plug Kit, Wire-to-Wire, Solder Type, 6 Circuits, Tray
Series Number : 55100
Status : Active
Product Category : I/O Connectors



Documents & Resources

Drawings
Drawing_551000680_sd.pdf

3D Models and Design Files
3D Model_551000680_stp.zip

Specifications
Application Specification_551000680AS-A00.pdf
Packaging Specification_551009200-200.pdf
Product Specification_PS-54280-005-001.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	Not Contained per D(2023)3788-DC (14 Jun 2023)
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	55100
Description	2.00mm Pitch Serial I/O Connector, Plug Kit, Wire-to-Wire, Solder Type, 6 Circuits, Tray
Application	Wire-to-Wire
Component Type	Plug
Product Family	2.00mm I/O Connectors
Product Name	2.00mm I/O Connectors
Type	N/A
UPC	191128366199

Electrical

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

Physical

Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black, Gray
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze, Stainless Steel
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic, Polycarbonate

Net Weight	9414.493/mg
Orientation	Vertical
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	2.00mm
Plating min - Mating	0.762µm
Plating min - Termination	2.032µm
Polarized to Mating Part	Yes
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	N/A
Wire Insulation Diameter	2.10mm max.
Wire Size (AWG)	16, 18, 20, 22, 24, 26, 28

Mates With / Use With

Mates with Part(s)

Description	Part Number
2.00mm Pitch IEEE 1394-1995 Shielded I/O PCB Socket, Right-Angle, Flat, Surface Mount, 6 Circuits, Tray Packaging	0534620629
2.00mm Pitch Serial I/O Connector, Socket Kit, Wire-to-Wire Crimp Type, Without Flange, 6 Circuits	5006550609
2.00mm Pitch Serial I/O Connector, Socket Kit, Wire-to-Wire Crimp Type, With Flange, 6 Circuits	5006550619
2.00mm Pitch Serial I/O Connector, Receptacle Kit, Wire-to-Wire, Solder Type, 6 Circuits	0542800609