



Part Number : 539880619

Series Number : 53988

Product Category : I/O Connectors

Product Description : 2.00mm Pitch Serial I/O Connector, Receptacle, Wire-to-Wire, Solder Type, 6 Circuits

Status : Active

Documents & Resources


Drawings
[Drawing 539880619_sd.pdf](#)

3D Models and Design Files
[3D Model 539880619_stp.zip](#)

Specifications
[Product Specification PS-54280-005-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained 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)

Part Details

General

Status	Active
Category	I/O Connectors
Series	53988
Description	2.00mm Pitch Serial I/O Connector, Receptacle, Wire-to-Wire, Solder Type, 6 Circuits
Application	Wire-to-Wire
Component Type	Receptacle
Product Name	N/A
Type	N/A
UPC	822348190812

Electrical

Current - Maximum per Contact	2.0A
Shielded	Yes
Voltage - Maximum	125V

Physical

Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2649.366/mg
Number of Rows	2
Orientation	Vertical
Packaging Type	Bag
Panel Mount	No

PCB Retention	N/A
Pitch - Mating Interface	2.00mm
Plating min - Mating	0.762µm
Plating min - Termination	3.048µm
Polarized to Mating Part	Yes
Ports	1
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	N/A
Wire Insulation Diameter	2.10mm max.
Wire Size (AWG)	16

Mates With / Use With

Mates with Part(s)

Description	Part Number
2.00mm Pitch Serial I/O Connectors	<u>55100</u>