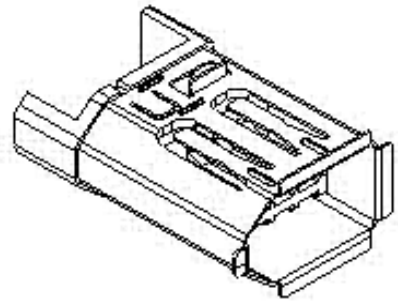
Part Number : 539880619
Product Description : 2.00mm Pitch Serial I/O Connector, Receptacle, Wire-to-Wire, Solder Type, 6 Circuits
Series Number : 53988
Status : Active
Product Category : I/O Connectors



Documents & Resources

Drawings

539880619_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-54280-005-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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	55100