molex
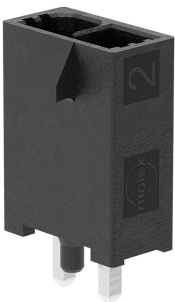
Part Number : 2159151002

Product Description : Mini-Fit Max Vertical Header, Single Row, 2 Circuits, Tin (Sn) Plating, Black, Glow-Wire Capable

Series Number : 215915

Status : Active

Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings
Drawing 2159151002_sd.pdf
Packaging Design Drawing 2159150000-PK-000.pdf

3D Models and Design Files
3D Model 2159151002_stp.zip

Specifications
Product Specification 2125150000-PS-000.pdf
Test Summary 2125150000-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	♻
EU ELV	Not Relevant
Low-Halogen Status	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)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	215915
Description	Mini-Fit Max Vertical Header, Single Row, 2 Circuits, Tin (Sn) Plating, Black, Glow-Wire Capable
Application	Power, Wire-to-Board
Component Type	PCB Header
Product Family	Mini-Fit Family Power Connectors
Product Name	Mini-Fit Max
UPC	195842608115

Agency

UL	E29179

Electrical

Current - Maximum per Contact	20.0A
Voltage - Maximum	600V AC (RMS)/DC

Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Durability (mating cycles max)	20
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	Yes

Guide to Mating Part	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	0.977/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini-Fit Max Single Row Receptacle Housings	215913