molex

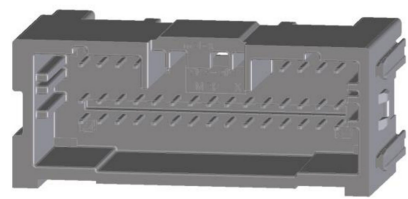**Part Number :** 349580383

Product Description : Mini50 Unsealed Vertical Hybrid Header, 3 Rows, 38 Circuits, Polarization Option A, Black, Tray

Series Number : 34958

Status : Active

Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings
349580383_sd.pdf

3D Models and Design Files
349580383_stp.zip

Specifications
349590001-AS-CH-000.pdf
PS-34959-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	♲
EU ELV	Compliant per 2000/53/EC
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	34958
Description	Mini50 Unsealed Vertical Hybrid Header, 3 Rows, 38 Circuits, Polarization Option A, Black, Tray
Application	Automotive, Power, Signal, Wire-to-Board
Comments	30 x 0.50mm blades = 4.0A; 8 x 1.20mm blades = 16.0A
Component Type	PCB Header
Product Name	Mini50
UPC	191128857185

Electrical

Current - Maximum per Contact	16.0A, 4.0A
Voltage - Maximum	500V DC

Physical

Breakaway	No
Circuits (Loaded)	38
Circuits (maximum)	38
Color - Resin	Black
Durability (mating cycles max)	10
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes

Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	SPS
Net Weight	6.372/g
Number of Rows	3
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	3.07mm
PCB Locator	Yes
PCB Retention	None
Pitch - Mating Interface	2.00mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini50 Unsealed Receptacle, 3 Rows, with CPA, 38 Circuits, Polarization Option A, Black	349590383
Mini50 Unsealed Receptacle, 3 Rows, without CPA, 38 Circuits, Polarization Option A, Black	349590390