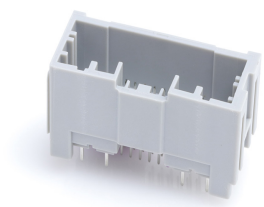




Part Number : [349580341](#)
Product Description : Mini50 Unsealed
Vertical Hybrid Header, 3 Rows, 34 Circuits,
Polarization Option B, Gray, Tray
Series Number : 34958
Status : Active
Product Category : PCB Headers and
Receptacles



Documents & Resources

Drawings

[Drawing 349580341_sd.pdf](#)
[Packaging Design Drawing PK-31302-070-001.pdf](#)

3D Models and Design Files

[3D Model 349580341_stp.zip](#)

Specifications

[Application Specification 349590001-AS-CH-000.pdf](#)
[Application Specification AS-34959-001-001.pdf](#)
[Product Specification PS-34959-001-001.pdf](#)
[Test Summary TS-34961-001-001.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(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	PCB Headers and Receptacles
Series	34958
Description	Mini50 Unsealed Vertical Hybrid Header, 3 Rows, 34 Circuits, Polarization Option B, Gray, Tray
Application	Automotive, Power, Signal, Wire-to-Board
Comments	30 x 0.50mm blades = 4.0A; 4 x 1.20mm blades = 16.0A
Component Type	PCB Header
Product Family	Mini50 Connection Systems
Product Name	Mini50
UPC	887191714585

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	34
Circuits (maximum)	34
Color - Resin	Gray
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	6.670/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, 34 Circuits, Polarization Option B, Gray	<u>0349590341</u>
Mini50 Unsealed Receptacle, 3 Rows, without CPA, 34 Circuits, Polarization Option B, Gray	<u>0349590348</u>