**Part Number :** 349580340
**Product Description :** Mini50 Unsealed Vertical Hybrid Header, 3 Rows, 34 Circuits, Polarization Option A, Black, Tray
**Series Number :** 34958
**Status :** Active
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

### Drawings

349580340_sd.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

### Specifications

349590001-AS-CH-000.pdf

AS-34959-001-001.pdf

PS-34959-001-001.pdf

TS-34961-001-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Compliant with Exemption 44; 33 |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Compliant per 2000/53/EC |
| Low-Halogen Status | 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 | PCB Headers and Receptacles |
| Series | 34958 |
| Description | Mini50 Unsealed Vertical Hybrid Header, 3 Rows, 34 Circuits, Polarization Option A, Black, 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 Name | Mini50 |
| UPC | 887191714578 |

### Electrical

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

### Physical

| | |
|---|---|
| Breakaway | No |
| Circuits (Loaded) | 34 |

| | |
|---|---|
| Circuits (maximum) | 34 |
| 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 | 5.800/g |
| Number of Rows | 3 |
| Orientation | Vertical |
| Packaging Type | Tray |
| PCB Locator | Yes |
| PCB Retention | None |
| PC Tail Length | 3.07mm |
| 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 A, Black | 349590340 |
| Mini50 Unsealed Receptacle, 3 Rows, without CPA, 34 Circuits, Polarization Option A, Black | 349590347 |