Part Number : 349610343
Product Description : Mini50 Unsealed Right-Angle Hybrid Header, UL 94 HB, 34 Circuits, Polarization A, Black, Tray
Series Number : 34961
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

349610343_sd.pdf

PK-31302-070-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

AS-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)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

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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	34961
Description	Mini50 Unsealed Right-Angle Hybrid Header, UL 94 HB, 34 Circuits, Polarization A, Black, Tray
Application	Automotive, 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	195842848436

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

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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	6.700/g
Number of Rows	3
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	No
PC Tail Length	2.75mm
Pitch - Mating Interface	2.00mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Sealed	Unsealed
Stackable	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole
Terminal Size	0.5, 0.635

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini50 Unsealed Receptacle, UL 94 HB, 3 Rows, without CPA, 34 Circuits, Polarization Option A, Black	349590347
Mini50 Unsealed Receptacle, UL 94 HB, 3 Rows, with CPA, 34 Circuits, Polarization Option A,	349590340

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Black	

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