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**Part Number:** [0349610341](#)  
**Status:** **Active**  
**Overview:** [Mini50 Connection Systems](#)  
**Description:** Mini50 Unsealed Right-Angle Hybrid Header, 3 Rows, 34 Circuits, Polarization Option B, Gray, Tray

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-34959-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-31302-070-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Test Summary TS-34961-001-001 (PDF)</a>
<a href="#">Product Specification PS-34959-001-001 (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Application Specification 349590001-AS-CH-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

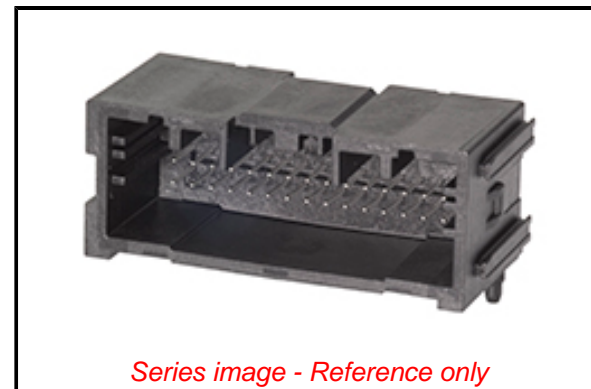
Product Family	PCB Headers
Series	<a href="#">34961</a>
Application	Automotive, Power, Signal, Wire-to-Board
Comments	30 x 0.50mm blades = 4.0A; 4 x 1.20mm blades = 16.0A
Overview	<a href="#">Mini50 Connection Systems</a>
Product Name	Mini50
UPC	887191703732

**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	6.890/g
Number of Rows	3
Orientation	Right Angle
PC Tail Length	2.75mm
PCB Locator	Yes
PCB Retention	None
Packaging Type	Tray
Pitch - Mating Interface	2.00mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	Yes
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

**Electrical**

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



*Series image - Reference only*

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

Not Contained

**Search Parts in this Series**

[34961](#) Series

**Mates With**

Mini50 Unsealed Receptacle [349590341](#) ,  
[349590348](#)

## Material Info

### Reference - Drawing Numbers

Application Specification	349590001-AS-CH-000, AS-34959-001-001
Packaging Specification	PK-31302-070-001
Product Specification	PS-34959-001-001
Sales Drawing	SD-34961-030-001
Test Summary	TS-34961-001-001

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