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**Part Number:** [0348250125](#)  
**Status:** **Active**  
**Overview:** [Mini50 Connection Systems](#)  
**Description:** Mini50™ Unsealed Vertical Header, Dual Row, 12 Circuit, Polarization Option B, Gray, Tray

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-34791-020-FR-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-31301-440 (PDF)</a>
<a href="#">Product Specification PS-34791-020-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification AS-34791-020-001 (PDF)</a>	<a href="#">Product Literature (PDF)</a>
<a href="#">Application Specification AS-34791-020-CH-001 (PDF)</a>	

**General**

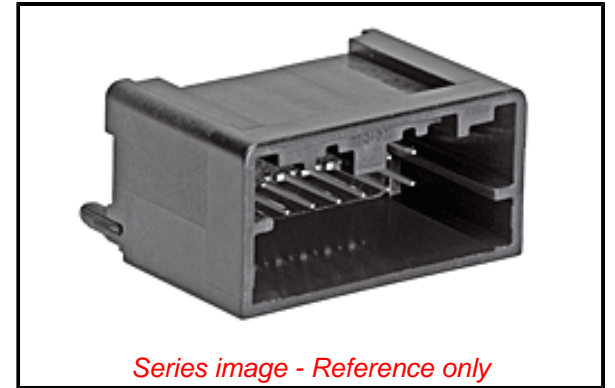
Product Family	PCB Headers
Series	<a href="#">34825</a>
Application	Power, Signal, Wire-to-Board
Overview	<a href="#">Mini50 Connection Systems</a>
Product Literature Order No	987650-5442
Product Name	Mini50™
UPC	887191338675

**Physical**

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Gray
Durability (mating cycles max)	10
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin over Nickel
Material - Plating Termination	Tin over Nickel
Material - Resin	High Temperature Thermoplastic
Net Weight	2.068/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	2.87mm
PCB Locator	Yes
Packaging Type	Tray
Pitch - Mating Interface	2.00mm
Plating min - Mating	2.500µm
Plating min - Termination	2.500µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

**Electrical**

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



*Series image - Reference only*

**EU ELV  
Compliant**

**EU RoHS  
Compliant  
REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
2017)

**Halogen-Free  
Status**

**Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS	Not Relevant
ELV	Compliant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[34825](#) Series

**Mates With**

[34824](#) Mini50™ Unsealed Dual Row  
Receptacle

**Solder Process Data**

Lead-free Process Capability

N/A

**Material Info****Reference - Drawing Numbers**

Application Specification

AS-34791-020-001, AS-34791-020-CH-001,  
AS-34791-020-FR-001

Packaging Specification

PK-31301-440

Product Specification

PS-34791-020-001

Sales Drawing

SD-34825-001

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