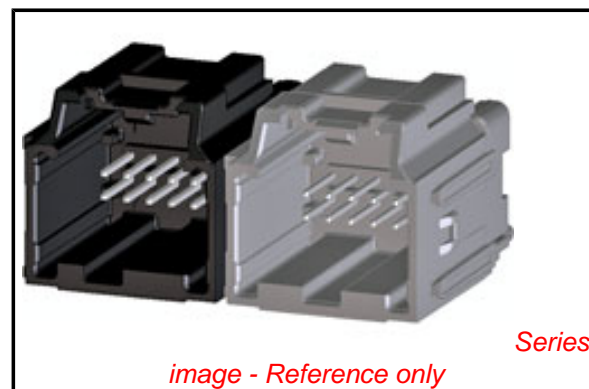


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**Part Number:** [34707-2040](#)  
**Status:** **Active**  
**Overview:** [Stac64™ Single, Multi-Pocket and Hybrid Header System](#)  
**Description:** [Stac64™ 2 Bay Vertical Headers, 24 Circuits, Bay A 12 Circuit Signal Header, Polarization A, Black; Bay B 12 Circuit Signal Header, Polarization B, Gray, Tray](#)

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-34729-020 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-31372-100 (PDF)</a>	<a href="#">Product Literature (PDF)</a>
<a href="#">Product Specification PS-34729-020 (PDF)</a>	



**General**

Product Family	PCB Headers
Series	<a href="#">34707</a>
Application	Power, Wire-to-Board
Comments	Bay A 12 Circuits Stac64™ Vertical Signal Header, Polarization A. Bay B 12 Circuits Stac64™ Vertical Signal Header, Polarization B
Overview	<a href="#">Stac64™ Single, Multi-Pocket and Hybrid Header System</a>
Product Literature Order No	987650-4561
Product Name	Stac64™
UPC	884982148376

**Physical**

Breakaway	No
Circuits (Loaded)	24
Circuits (maximum)	24
Color - Resin	Black, Brown
Durability (mating cycles max)	10
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Nickel
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	10.886/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.36mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.57mm
Packaging Type	Tray
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Yes
Stackable	No
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-40°C to +100°C

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[34707Series](#)

**Mates With**

31408 USCAR 2.54mm (.100") Pitch Receptacle, 31372 5.25mm (.206") Pitch Hybrid Receptacle Assembly, 34729 2.54mm (.100") Pitch Stac64™ Right Angle Receptacle

Termination Interface: Style

Through Hole

### **Electrical**

Current - Maximum per Contact  
Voltage - Maximum

Contact Molex  
500V

### **Solder Process Data**

Duration at Max. Process Temperature (seconds)  
Lead-free Process Capability  
Max. Cycles at Max. Process Temperature  
Process Temperature max. C

45  
SMC & Wave Capable (TH only)  
3  
260

### **Material Info**

#### **Reference - Drawing Numbers**

Application Specification  
Product Specification  
Sales Drawing

AS-34729-020  
PS-31372-100, PS-34729-020  
SD-34707-200

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