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**Part Number:** [34997-3002](#)  
**Status:** **Active**  
**Overview:** Stac64™ Single, Multi-Pocket and Hybrid Header System  
**Description:** Stac64™ 3 Bay Right Angle Headers, Plastic Pin-Alignment-Plate, 48 Circuits, Bay A 16 Circuit Signal Header, Polarization A, Black; Bay B 12 Circuit Signal Header, Polarization A, Black; Bay C 20 Circuit Signal Header, Polarization A, Black; Tray

**Documents:**

[Drawing \(PDF\)](#) [Application Specification AS-34729-020 \(PDF\)](#)  
[Product Specification PS-31372-100 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-34729-020 \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	<a href="#">34997</a>
Application	Power, Wire-to-Board
Comments	Bay A 16 Circuits Stac64™ Right Angle Signal Header, Polarization A. Bay B 12 Circuit Stac64™ Right Angle Signal Header, Polarization A, Bay C 20 Circuit Stac64™ Right Angle Signal Header, Polarization A
Overview	<a href="#">Stac64™ Single, Multi-Pocket and Hybrid Header System</a>
Product Name	Stac64™
UPC	887191490694

**Physical**

Breakaway	No
Circuits (Loaded)	48
Circuits (maximum)	48
Color - Resin	Black
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	22.744/g
Number of Rows	2
Orientation	Right Angle
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 +105°C
Termination Interface: Style	Through Hole

**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**  
[34997Series](#)

**Electrical**

Current - Maximum per Contact  
Voltage - Maximum

Contact Molex  
500V

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

Application Specification  
Product Specification  
Sales Drawing

AS-34729-020  
PS-31372-100, PS-34729-020  
SD-34997-300

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