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Part Number: [34997-3003](#)
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 20 Circuit Signal Header, Polarization A, Black; Bay C 12 Circuit Signal Header, Polarization A, Black; Tray

Documents:

3D Model	Product Specification PS-34729-020 (PDF)
Drawing (PDF)	Application Specification AS-34729-020 (PDF)
Product Specification PS-31372-100 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Headers
Series	34997
Application	Power, Wire-to-Board
Comments	Bay A 16 Circuits Stac64™ Right Angle Signal Header, Polarization A. Bay B 20 Circuit Stac64™ Right Angle Signal Header, Polarization A, Bay C 12 Circuit Stac64™ Right Angle Signal Header, Polarization A
Overview	Stac64™ Single, Multi-Pocket and Hybrid Header System
Product Name	Stac64™
UPC	887191559537

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
 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	Contact Molex
Voltage - Maximum	500V

Solder Process Data

Duration at Max. Process Temperature (seconds)	40
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info**Reference - Drawing Numbers**

Application Specification	AS-34729-020
Product Specification	PS-31372-100, PS-34729-020
Sales Drawing	SD-34997-300

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