



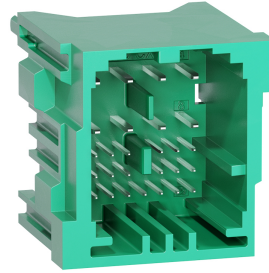
Part Number : [2005010272](#)

Product Description : stAK50h Vertical Hybrid Header, 27 Circuits, Key 2, Green, Tube

Series Number : 200501

Status : Active

Product Category : PCB Headers and Receptacles



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## Documents & Resources

### Drawings

[2005010272\\_sd.pdf](#)

### 3D Models and Design Files

[2005010272\\_stp.zip](#)

### Specifications

[2005060000-AS-000.pdf](#)

[2005060000-AS-CH-000.pdf](#)

[2005060001-PS-000.pdf](#)

[2005060001-PS-CH-000.pdf](#)

[2005000280-TS-000.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	Not Relevant
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 2024)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

## Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	PCB Headers and Receptacles
Series	200501
Description	stAK50h Vertical Hybrid Header, 27 Circuits, Key 2, Green, Tube
Application	Automotive, Power, Signal, Wire-to-Board
Component Type	PCB Header
Product Name	stAK50h
UPC	889056679503

#### Electrical

Current - Maximum per Contact	12.0A, 5.0A
Voltage - Maximum	14V DC

#### Physical

Breakaway	No
Circuits (Loaded)	27
Circuits (maximum)	27
Color - Resin	Green
Durability (mating cycles max)	10
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes

Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	SPS
Net Weight	6.670/g
Number of Rows	5
Orientation	Vertical
Packaging Type	Tube
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	2.00mm, 4.00mm
Pitch - Termination Interface	2.00mm, 4.00mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Yes
Stackable	Yes
Temperature Range - Operating	-40° to +105°C LV-214, -40° to +85°C GMW3191 June2012
Termination Interface Style	Through Hole

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
stAK50h Hybrid Receptacle, 27 Circuits, Key 2, Light Green, Bag	<u>1600290012</u>