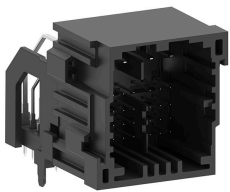




**Part Number :** [2005020321](#)  
**Product Description :** stAK50h Right-Angle Hybrid Header, 32 Circuits, Key 1, Black, Tube  
**Series Number :** 200502  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

### Drawings

[2005020321\\_sd.pdf](#)  
[2005028100-000.pdf](#)

### 3D Models and Design Files


[2005020321\\_stp.zip](#)

### Specifications

[2005060000-AS-000.pdf](#)  
[2005060000-AS-CH-000.pdf](#)  
[2005060001-PS-000.pdf](#)  
[2005060001-PS-CH-000.pdf](#)  
[2005000320-TS-000.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 33; 34
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 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	200502
Description	stAK50h Right-Angle Hybrid Header, 32 Circuits, Key 1, Black, Tube
Application	Automotive, Power, Signal, Wire-to-Board
Component Type	PCB Header
Product Name	stAK50h
UPC	889056679770

#### Electrical

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

#### Physical

Breakaway	No
Circuits (Loaded)	32
Circuits (maximum)	32
Color - Resin	Black
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	9.830/g
Number of Rows	5
Orientation	Right Angle
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, 32 Circuits, Key 1, Rib Option A, Black, Bag	<u>1600280011</u>