



Part Number : [2005062008](#)
Product Description : stAK50h 2 Bay Right-Angle Hybrid Header, 64 Circuits, Bay 1: 32 Circuits/Key 1/ Black; Bay 2: 32 Circuits/Key 3/Dark Gray; Tube
Series Number : 200506
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[2005062008_sd.pdf](#)
[2005028100-000.pdf](#)

3D Models and Design Files

[STEP AP242](#)
[SOLIDWORKS](#)
[Creo](#)
[Symbol and Footprint \(Multi-Format\)](#)

Specifications

[2005060000-AS-000.pdf](#)
[2005060000-AS-CH-000.pdf](#)
[1600140001-000.pdf](#)
[2005060001-PS-000.pdf](#)
[2005060001-PS-CH-000.pdf](#)

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 Relevant
REACH SVHC	Not Contained per D(2025)7771-

	DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	200506
Description	stAK50h 2 Bay Right-Angle Hybrid Header, 64 Circuits, Bay 1: 32 Circuits/Key 1/Black; Bay 2: 32 Circuits/Key 3/Dark Gray; Tube
Application	Automotive, Power, Signal, Wire-to-Board
Component Type	PCB Header
Product Name	stAK50h
UPC	191128755658

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	64
Circuits (maximum)	64
Color - Resin	Black, Gray (Dark)
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	20.200/g
Number of Rows	5
Orientation	Right Angle
Packaging Type	Tube
PCB Locator	Yes
PCB Retention	No
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

Mates With / Use With

Mates with Part(s)

Description	Part Number
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stAK50h Hybrid Receptacle, 32 Circuits, Key 1, Rib Option A, Black, Bag	<u>1600280011</u>
stAK50h Hybrid Receptacle, 32 Circuits, Key 3, Rib Option A, Dark Gray, Bag	<u>1600280013</u>

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