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Part Number: [2005020323](#)
Status: **Active**
Overview: [stAK50h Connection System](#)
Description: stAK50h Right-Angle Hybrid Header, 32 Circuits, Key 3, Dark Gray, Tube

- Documents:**
- | | |
|---|---|
| 3D Model | Product Specification 2005060001-PS-000 (PDF) |
| 3D Model (PDF) | Application Specification 2005060000-AS-000 (PDF) |
| Drawing (PDF) | Datasheet (PDF) |
| Product Specification 1600140001-000 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification 1600140002-PS-000 (PDF) | |

General

Product Family	PCB Headers
Series	200502
Application	Automotive, Power, Signal, Wire-to-Board
Overview	stAK50h Connection System
Product Name	stAK50h
UPC	889056679794

Physical

Breakaway	No
Circuits (Loaded)	32
Circuits (maximum)	32
Color - Resin	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	9.830/g
Number of Rows	5
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tube
Pitch - Mating Interface	2.00mm, 4.00mm
Pitch - Termination Interface	2.00mm, 3.20mm, 4.00mm, 5.20mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Yes
Stackable	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C LV-214, -40° to +85°C GMW3191
Termination Interface: Style	June2012 Through Hole

Electrical

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



Series image - Reference only

EU ELV
Compliant

EU RoHS
Compliant
REACH SVHC
Not Contained Per -
D(2021)4569-DC (8
July 2021)
Halogen-Free
Status
Low-Halogen
For more information, please visit [Contact US](#)

China ROHS	Green Image
ELV	Compliant
RoHS Phthalates	Not Contained

Search Parts in this Series
[200502](#) Series

Mates With
stAK50h Hybrid Receptacle [1600280013](#)

Material Info

Reference - Drawing Numbers

Application Specification	2005060000-AS-000
Product Specification	1600140001-000, 1600140002-PS-000, 2005060001-PS-000
Sales Drawing	2005021320SD-000

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