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Part Number: [2005020252](#)
Status: **Active**
Overview: [stAK50h Connection System](#)
Description: stAK50h Right-Angle Hybrid Header, 25 Circuits, Key 2, Gray, Tube

Documents:

3D Model	Product Specification 2005060001-PS-000 (PDF)
3D Model (PDF)	Datasheet (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Headers
Series	200502
Application	Automotive, Power, Signal, Wire-to-Board
Overview	stAK50h Connection System
Product Name	stAK50h
Taxonomy	PCB Headers and Receptacles
UPC	889056679664

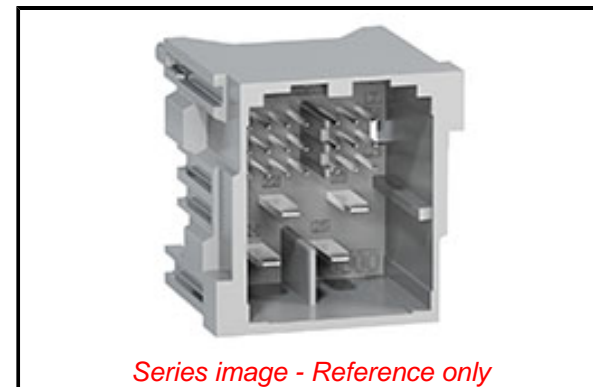
Physical

Breakaway	No
Circuits (Loaded)	25
Circuits (maximum)	25
Color - Resin	Gray
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	10.330/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, 3.20mm, 7.20mm
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	Through Hole

Electrical

Current - Maximum per Contact	30.0A, 5.0A
Voltage - Maximum	14V DC

Material Info



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

Not Contained

Search Parts in this Series

[200502 Series](#)

Mates With

stAK50h Hybrid Receptacle [1600270012](#)

Reference - Drawing Numbers

Product Specification

Sales Drawing

2005060001-PS-000

2005021250SD-000

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