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Part Number: [2005010321](#)
Status: **Active**
Overview: [stAK50h Connection System](#)
Description: stAK50h Vertical Hybrid Header, 32 Circuits, Key 1, Black, Tube

Documents:	
3D Model	Product Specification 2005060001-PS-000 (PDF)
Drawing (PDF)	Application Specification 2005060000-AS-000 (PDF)
3D Model (PDF)	Test Summary 2005010320-TS-000 (PDF)
Product Specification 1600140001-000 (PDF)	Datasheet (PDF)
Product Specification 1600140002-PS-000 (PDF)	RoHS Certificate of Compliance (PDF)

General	
Product Family	PCB Headers
Series	200501
Application	Automotive, Power, Signal, Wire-to-Board
Overview	stAK50h Connection System
Product Name	stAK50h
UPC	889056679572

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	6.439/g
Number of Rows	5
Orientation	Vertical
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 China ROHS ELV RoHS Phthalates
Green Image Compliant Not Contained	

Search Parts in this Series
[200501](#) Series

Mates With
stAK50h Hybrid Receptacle [1600280011](#)

Material Info

Reference - Drawing Numbers

Application Specification	2005060000-AS-000
Product Specification	1600140001-000, 1600140002-PS-000, 2005060001-PS-000
Sales Drawing	2005011320SD-000
Test Summary	2005010320-TS-000

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