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Part Number: [2005010324](#)
Status: **Active**
Overview: [stAK50h Connection System](#)
Description: [stAK50h Vertical Hybrid Header, 32 Circuits, Key 4, Purple, Tube](#)

Documents:

[Drawing \(PDF\)](#) [Test Summary 2005010320-TS-000 \(PDF\)](#)
[Product Specification 2005060001-PS-000 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Application Specification 2005060000-AS-000 \(PDF\)](#)

General

Product Family	PCB Headers
Series	200501
Application	Power, Signal, Wire-to-Board
Datasheet Order No	987651-1781
Overview	stAK50h Connection System
Product Name	stAK50h
UPC	889056679602

Physical

Breakaway	No
Circuits (Loaded)	32
Circuits (maximum)	32
Color - Resin	Purple
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 over Nickel
Material - Plating Termination	Tin over Nickel
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 min., 3.50mm max.
Pitch - Termination Interface	2.00mm min., 3.50mm max.
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Yes
Stackable	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +85°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	12.0A, 5.0A
Voltage - Maximum	500V DC

Material Info

Reference - Drawing Numbers



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/88/2018 (15
January 2019)

Halogen-Free

Status

Not Relevant

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

China ROHS

Not Relevant

ELV

Compliant

RoHS Phthalates

Not Contained

Search Parts in this Series

[200501 Series](#)

Mates With

[1600280004](#)

Application Specification
Product Specification
Sales Drawing
Test Summary

2005060000-AS-000
2005060001-PS-000
2005011320SD-000
2005010320-TS-000

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