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Part Number: [2005010123](#)
Status: **Active**
Overview: [stAK50h Connection System](#)
Description: stAK50h Vertical Hybrid Header, 12 Circuits, Key 3, Purple, Tube

Documents:

3D Model	Application Specification 2005060000-AS-000 (PDF)
3D Model (PDF)	Test Summary 2005010120-TS-000 (PDF)
Drawing (PDF)	Datasheet (PDF)
Product Specification 2005060001-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	889056679435

Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
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
Material - Plating Termination	Tin
Material - Resin	SPS
Net Weight	6.750/g
Number of Rows	4
Orientation	Vertical
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tube
Pitch - Mating Interface	2.00mm, 4.00mm, 5.20mm, 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 +85°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	12.0A, 30.0A
Voltage - Maximum	500V DC

Material Info

Reference - Drawing Numbers



Series image - Reference only

EU ELV

Not Reviewed

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

China ROHS

Not Reviewed

ELV

Not Reviewed

RoHS Phthalates

Not Reviewed

Search Parts in this Series

[200501](#) Series

Mates With

[1600260003](#)

Application Specification
Product Specification
Sales Drawing
Test Summary

2005060000-AS-000
2005060001-PS-000
2005011120SD-000
2005010120-TS-000

This document was generated on 08/05/2020

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