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Part Number: [2005020122](#)
Status: **Active**
Overview: [stAK50h Connection System](#)
Description: [stAK50h Right-Angle Hybrid Header, 12 Circuits, Key 2, Green, 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 [889056679626](#)

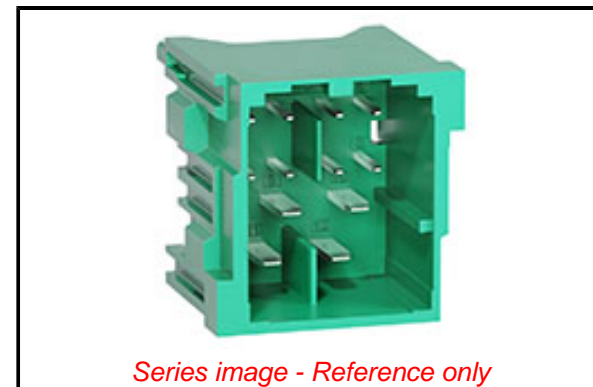
Physical

Breakaway [No](#)
Circuits (Loaded) [12](#)
Circuits (maximum) [12](#)
Color - Resin [Green](#)
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 [10.020/g](#)
Number of Rows [4](#)
Orientation [Right Angle](#)
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 +105°C LV-214, -40° to +85°C GMW3191](#)
Termination Interface: Style [June2012 Through Hole](#)

Electrical

Current - Maximum per Contact [12.0A, 30.0A](#)
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 1600260002](#)

Reference - Drawing Numbers

Product Specification

Sales Drawing

2005060001-PS-000

2005021120SD-000

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