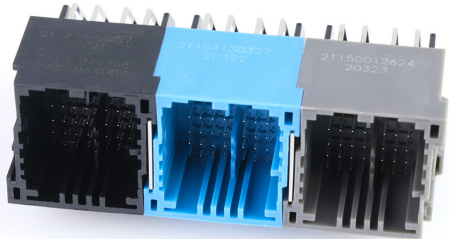




Part Number : [2005063007](#)
Product Description : stAK50h 3 Bay Right-Angle Hybrid Header, 96 Circuits, Bay 1: 32 Circuits/Key 1/Black; Bay 2: 32 Circuits/Key 2/Blue; Bay 3: 32 Circuits/Key 3/Dark Gray; Tube
Series Number : 200506
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings
[2005063007_sd.pdf](#)

3D Models and Design Files
[2005063007_stp.zip](#)

Specifications
[2005060000-AS-000.pdf](#)
[2005060000-AS-CH-000.pdf](#)
[2005060001-PS-000.pdf](#)
[2005060001-PS-CH-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	Not Relevant
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	200506
Description	stAK50h 3 Bay Right-Angle Hybrid Header, 96 Circuits, Bay 1: 32 Circuits/Key 1/Black; Bay 2: 32 Circuits/Key 2/Blue; Bay 3: 32 Circuits/Key 3/Dark Gray; Tube
Application	Automotive, Power, Signal, Wire-to-Board
Component Type	PCB Header
Product Name	stAK50h
UPC	191128755719

Electrical

Current - Maximum per Contact	5.0A, 12.0A
Voltage - Maximum	14V DC

Physical

Breakaway	No
Circuits (Loaded)	96
Circuits (maximum)	96
Color - Resin	Black, Blue, Gray (Dark)
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	30.600/g
Number of Rows	5
Orientation	Right Angle
Packaging Type	Tube
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	2.00mm, 4.00mm
Pitch - Termination Interface	2.00mm, 4.00mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Yes
Stackable	Yes
Temperature Range - Operating	-40° to +105°C LV-214, -40° to +85°C GMW3191 June2012
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
stAK50h Hybrid Receptacle, 32 Circuits, Key 1, Rib Option A, Black, Bag	<u>1600280011</u>
stAK50h Hybrid Receptacle, 32 Circuits, Key 2, Rib Option A, Blue, Bag	<u>1600280012</u>
stAK50h Hybrid Receptacle, 32 Circuits, Key 3, Rib Option A, Dark Gray, Bag	<u>1600280013</u>