



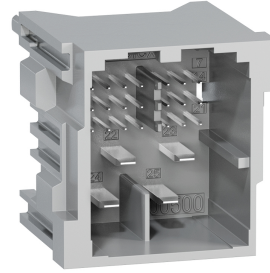
Part Number : [2005010252](#)

Product Description : stAK50h Vertical Hybrid Header, 25 Circuits, Key 2, Gray, Tube

Series Number : 200501

Status : Active

Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

[Drawing 2005010252_sd.pdf](#)

3D Models and Design Files

[3D Model 2005010252_stp.zip](#)


Specifications

[Product Specification 2005060001-PS-000.pdf](#)

[Test Summary 2005010250-TS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
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	200501
Description	stAK50h Vertical Hybrid Header, 25 Circuits, Key 2, Gray, Tube
Application	Automotive, Power, Signal, Wire-to-Board
Component Type	PCB Header
Product Family	stAK50h Connection System
Product Name	stAK50h
UPC	889056679466

Electrical

Current - Maximum per Contact	30.0A, 5.0A
Voltage - Maximum	14V DC

Physical

Breakaway	No
Circuits (Loaded)	25
Circuits (maximum)	25
Color - Resin	Gray
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	6.751/g
Number of Rows	5
Orientation	Vertical
Packaging Type	Tube
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	2.00mm, 3.20mm, 7.20mm
Pitch - Termination Interface	2.00mm, 3.20mm, 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, 25 Circuits, Key 2, Rib Option A, Stone Gray, Bag	<u>1600270012</u>