



Part Number : [1600130641](#)

Product Description : stAK50h 2 Bay Infotainment Hybrid Header, 56 Circuits, Bay A: 28 Circuit/Key 4; Bay B: 28 Circuit/Key 1; 2.10mm PC Tail Length, UL 94 HB, Gray, Tube

Series Number : 160013

Status : Active

Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

[1600130641 sd.pdf](#)

[PK-31302-235-001.pdf](#)

[PK-31302-235-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

Specifications

[AS-160013-001-001.pdf](#)

[PS-160013-001-001.pdf](#)

[TS-160013-2291-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	per SJ/T 11365-2006 
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)

EU RoHS	Compliant per EU 2015/863
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Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	160013
Description	stAK50h 2 Bay Infotainment Hybrid Header, 56 Circuits, Bay A: 28 Circuit/Key 4; Bay B: 28 Circuit/Key 1; 2.10mm PC Tail Length, UL 94 HB, Gray, Tube
Application	Automotive, Power, Signal, Wire-to-Board
Component Type	PCB Header
Product Name	stAK50h
UPC	191130041886

Electrical

Current - Maximum per Contact	Contact Molex
Voltage - Maximum	14V DC

Physical

Breakaway	No
Circuits (Loaded)	56
Circuits (maximum)	56
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	12.827/g
Number of Rows	5
Orientation	Right Angle
Packaging Type	Tube
PCB Locator	Yes
PCB Retention	Yes
PC Tail Length	2.10mm
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	No
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
stAK50h Hybrid Receptacle, 28	<u>1600140014</u>

Circuits, Key 4, Black, Bag	
stAK50h Hybrid Receptacle, 28 Circuits, Key 1, Dark Gray, Bag	<u>1600140011</u>

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