



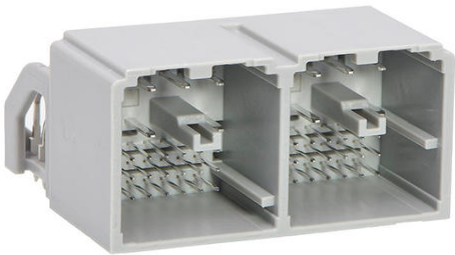
Part Number : [1600130623](#)

Product Description : stAK50h 2 Bay Infotainment Hybrid Header, 56 Circuits, Bay A: 28 Circuit/Key 2; Bay B: 28 Circuit/Key 3; 2.10mm PC Tail Length, UL 94 HB, Gray, Tube

Series Number : 160013

Status : Active

Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

[1600130623 sd.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 |

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 2; Bay B: 28 Circuit/Key 3; 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 | 191130043323 |

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 | 12.846/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 Circuits, Key 2, Light Green, Bag | <u>1600140012</u> |
| stAK50h Hybrid Receptacle, 28 | <u>1600140013</u> |

