



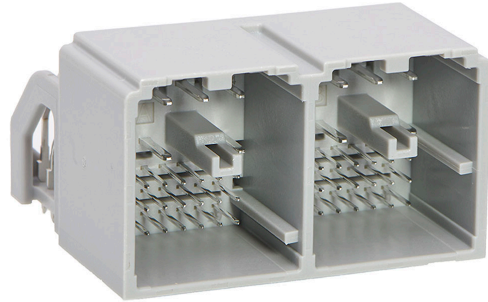
**Part Number :** [1600133641](#)

**Product Description :** stAK50h 2 Bay Infotainment Hybrid Header, 56 Circuits, Bay A 28 Circuit Header, Key 4; Bay B 28 Circuit Header, Key 1; 2.50mm PC Tail Length, Gray, Tube

**Series Number :** 160013

**Status :** Active

**Product Category :** PCB Headers and Receptacles



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## Documents & Resources

### Drawings

[Drawing 1600133641\\_sd.pdf](#)

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


### 3D Models and Design Files

[3D Model 1600133641\\_stp.zip](#)

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## 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

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## 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 Header, Key 4; Bay B 28 Circuit Header, Key 1; 2.50mm PC Tail Length, Gray, Tube
Application	Automotive, Power, Signal, Wire-to-Board
Component Type	PCB Header
Product Family	stAK50h Connection System
Product Name	stAK50h
UPC	191130041909

### 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	13.012/g
Number of Rows	5
Orientation	Right Angle
Packaging Type	Tube
PC Tail Length	2.50mm
PCB Locator	Yes
PCB Retention	Yes
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