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**Part Number:** [1600130623](#)

**Status:** **Active**

**Overview:** [stAK50h Connection System](#)

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

**Documents:**

[3D Model](#)

[3D Model \(PDF\)](#)

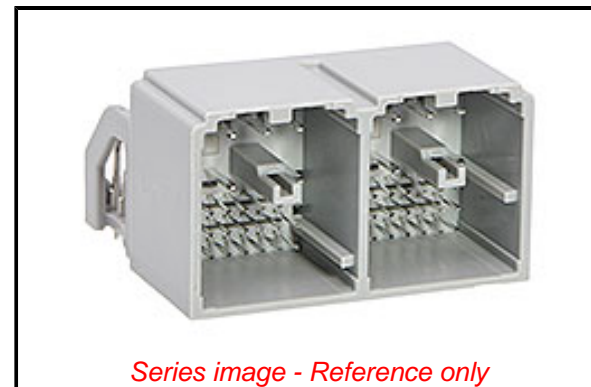
[Drawing \(PDF\)](#)

[Product Specification PS-160013-001-001 \(PDF\)](#)

[Packaging Specification PK-31302-235-001 \(PDF\)](#)

[Datasheet \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)



*Series image - Reference only*

**General**

Product Family	PCB Headers
Series	160013
Application	Automotive, Power, Signal, Wire-to-Board
Overview	<a href="#">stAK50h Connection System</a>
Product Name	stAK50h
UPC	191130043323

**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
PC Tail Length	2.10mm
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tube
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
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +85°C
Termination Interface: Style	Through Hole

**Electrical**

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

**Material Info**

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

Not Contained

**Search Parts in this Series**

[160013 Series](#)

**Mates With**

stAK50h Receptacle Assembly [1600140002](#)  
, [1600140003](#)

**Reference - Drawing Numbers**

Packaging Specification

Product Specification

Sales Drawing

PK-31302-235-001

PS-160013-001-001

SD-160013-0001-001

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