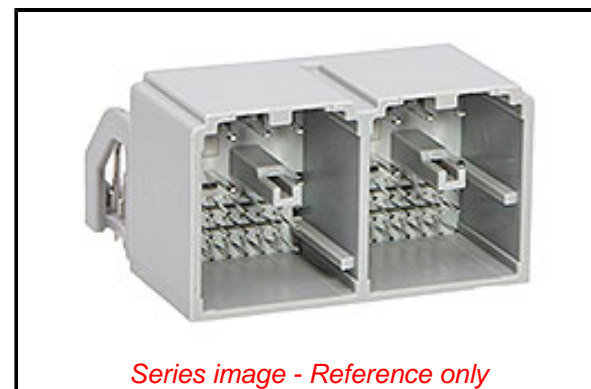


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Part Number: [1600133623](#)
Status: **Active**
Overview: [stAK50h Connection System](#)
Description: stAK50h 2 Bay Infotainment Hybrid Header, 56 Circuits, Bay A 28 Circuit Header, Key 2; Bay B 28 Circuit Header, Key 3; 2.50mm PC Tail Length, Gray, Tube

Documents:

| | |
|---|--|
| 3D Model | Packaging Specification PK-31302-235-001 (PDF) |
| 3D Model (PDF) | Datasheet (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| Application Specification AS-160013-001-001 (PDF) | |



General

| | |
|----------------|---|
| Product Family | PCB Headers |
| Series | 160013 |
| Application | Automotive, Power, Signal, Wire-to-Board |
| Overview | stAK50h Connection System |
| Product Name | stAK50h |
| UPC | 191130043347 |

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 | 12.840/g |
| Number of Rows | 5 |
| Orientation | Right Angle |
| PC Tail Length | 2.50mm |
| 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(2020)9139-DC (19
Jan 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

Application Specification

AS-160013-001-001

Packaging Specification

PK-31302-235-001

Sales Drawing

SD-160013-0001-001

This document was generated on 03/31/2021

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