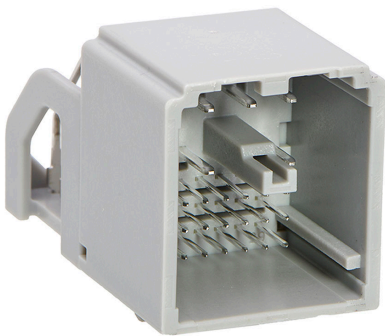




Part Number : [1600136601](#)
Product Description : stAK50h Single Bay Infotainment Hybrid Header, 28 Circuits, Key 1, 2.50mm PC Tail Length, UL 94 HB, Gray, Tube
Series Number : 160013
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources


Drawings
[Drawing 1600136601_sd.pdf](#)
[Packaging Design Drawing PK-31302-235-001.pdf](#)

3D Models and Design Files
[3D Model 1600136601_stp.zip](#)

Specifications
[Application Specification AS-160013-001-001.pdf](#)
[Product Specification PS-160013-001-001.pdf](#)
[Test Summary TS-160013-2291-001.pdf](#)

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(2024)4144-DC (27 June 2024)
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

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	160013
Description	stAK50h Single Bay Infotainment Hybrid Header, 28 Circuits, Key 1, 2.50mm PC Tail Length, UL 94 HB, Gray, Tube
Application	Automotive, Power, Signal, Wire-to-Board
Component Type	PCB Header
Product Family	stAK50h Connection System
Product Name	stAK50h
UPC	191130128150

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	28
Circuits (maximum)	28
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	7.000/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

Mates With / Use With

Mates with Part(s)

Description	Part Number
stAK50h Hybrid Receptacle, 28 Circuits, Key 1, Dark Gray, Bag	<u>1600140011</u>