Part Number : 1600131624
Product Description : stAK50h 2 Bay Infotainment Hybrid Header, 32 Circuits, Bay A: 14 Circuit/Key 2; Bay B: 18 Circuit/Key 4; 2.50mm PC Tail Length, UL 94 HB, Gray, Tube
Series Number : 160013
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

1600131624_sd.pdf

PK-31302-235-001.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(2024)6225-DC (07 Nov 2024)

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, 32 Circuits, Bay A: 14 Circuit/Key 2; Bay B: 18 Circuit/Key 4; 2.50mm PC Tail Length, UL 94 HB, Gray, Tube
Application	Automotive, Power, Signal, Wire-to-Board
Component Type	PCB Header
Product Name	stAK50h
UPC	191130043316

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	32
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	12.161/g
Number of Rows	5
Orientation	Right Angle
Packaging Type	Tube
PCB Locator	Yes
PCB Retention	Yes
PC Tail Length	2.50mm
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	1600140012

Circuits, Key 2, Light Green, Bag	
stAK50h Hybrid Receptacle, 28 Circuits, Key 4, Black, Bag	1600140014