Part Number : 2005063007
Product Description : stAK50h 3 Bay Right-Angle Hybrid Header, 96 Circuits, Bay 1: 32 Circuits/Key 1/ Black; Bay 2: 32 Circuits/Key 2/Blue; Bay 3: 32 Circuits/ Key 3/Dark Gray; Tube
Series Number : 200506
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

2005063007_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

2005060000-AS-000.pdf

2005060000-AS-CH-000.pdf

1600140001-000.pdf

2005060001-PS-000.pdf

2005060001-PS-CH-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	Not Relevant
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)

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	200506
Description	stAK50h 3 Bay Right-Angle Hybrid Header, 96 Circuits, Bay 1: 32 Circuits/Key 1/Black; Bay 2: 32 Circuits/Key 2/Blue; Bay 3: 32 Circuits/Key 3/Dark Gray; Tube
Application	Automotive, Power, Signal, Wire-to-Board
Component Type	PCB Header
Product Name	stAK50h
UPC	191128755719

Electrical

Current - Maximum per Contact	5.0A, 12.0A
Voltage - Maximum	14V DC

Physical

Breakaway	No
Circuits (Loaded)	96
Circuits (maximum)	96
Color - Resin	Black, Blue, Gray (Dark)
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	30.600/g
Number of Rows	5
Orientation	Right Angle
Packaging Type	Tube
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.60mm
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	Yes
Temperature Range - Operating	-40° to +105°C LV-214, -40° to +85°C GMW3191 June2012
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number

stAK50h Hybrid Receptacle, 32 Circuits, Key 1, Rib Option A, Black, Bag	1600280011
stAK50h Hybrid Receptacle, 32 Circuits, Key 2, Rib Option A, Blue, Bag	1600280012
stAK50h Hybrid Receptacle, 32 Circuits, Key 3, Rib Option A, Dark Gray, Bag	1600280013