

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

1600130023

Status:

Active

Overview:

stAK50h Connector System

Description:

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

Documents:

Drawing (PDF)

Product Specification PS-160013-001-001 (PDF)

Packaging Specification PK-31302-235 (PDF)

RoHS Certificate of Compliance (PDF)

Product Literature (PDF)

General

Product Family

Series

Application

Overview

Product Literature Order No

Product Name

UPC

PCB Headers

160013

Power, Signal, Wire-to-Board

stAK50h Connector System

987651-5191

stAK50h

889056187701

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Glow-Wire Capable

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No

56

56

Gray

10

No

No

Yes

Yes

Yes

Copper Alloy

Tin over Nickel

Tin over Nickel

SPS

12.827/g

5

Right Angle

2.10mm

Yes

Yes

Tube

2.00mm, 4.00mm

2.00mm, 4.00mm

Yes

Yes

Yes

No

Yes

-40° to +85°C

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

Voltage - Maximum

Contact Molex

500V DC

Material Info



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/61/2018 (27 June 2018)

Halogen-Free

Status

Not Relevant

Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Not Relevant

Compliant

Not Contained

Search Parts in this Series

160013 Series

Mates With

stAK50h Receptacle Assembly 160014

**Reference - Drawing Numbers**

|                         |                    |
|-------------------------|--------------------|
| Packaging Specification | PK-31302-235       |
| Product Specification   | PS-160013-001-001  |
| Sales Drawing           | SD-160013-0001-001 |

This document was generated on 08/23/2018

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**