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Part Number: [1600132041](#)
Status: **Active**
Overview: [stAK50h Connector System](#)
Description: stAK50h 2 Bay Infotainment Hybrid Header, 56 Circuits, Bay A 28 Circuit Header, Key 4, Gray; Bay B 28 Circuit Header, Key 1, Gray; 2.10mm PC Tail Length, Tray

Documents:

Drawing (PDF)	Packaging Specification PK-160013-001-001 (PDF)
Product Specification PS-160013-001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-160013-001-001 (PDF)	Product Literature (PDF)

General

Product Family	PCB Headers
Series	160013
Application	Power, Signal, Wire-to-Board
Overview	stAK50h Connector System
Product Literature Order No	987651-5191
Product Name	stAK50h
UPC	889056624664

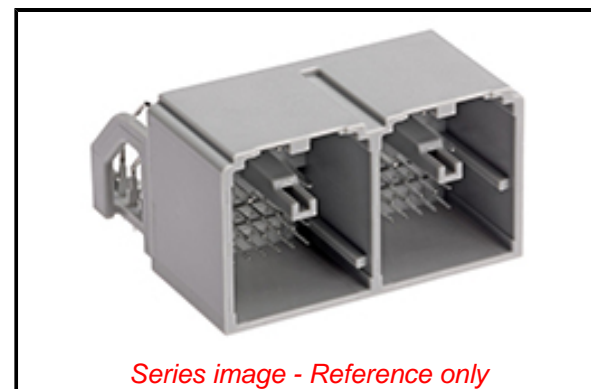
Physical

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 over Nickel
Material - Plating Termination	Tin over Nickel
Material - Resin	SPS
Net Weight	12.827/g
Number of Rows	5
Orientation	Right Angle
PC Tail Length	2.10mm
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tray
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 - Compliant Pin

Electrical

Current - Maximum per Contact	Contact Molex
Voltage - Maximum	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
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Not Relevant
ELV	Compliant
RoHS Phthalates	Not Contained

Search Parts in this Series

[160013 Series](#)

Mates With

[stAK50h Receptacle Assembly 160014](#)

Reference - Drawing Numbers

Application Specification	AS-160013-001-001
Packaging Specification	PK-160013-001-001
Product Specification	PS-160013-001-001
Sales Drawing	SD-160013-0001-001

This document was generated on 08/23/2018

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