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Part Number: [1600140003](#)
Status: **Active**
Overview: [stAK50h Connector System](#)
Description: [stAK50h Hybrid Receptacle, 28 Circuits, Key 3, Light Gray, Bag](#)

Documents:

Drawing (PDF)	Packaging Specification PK-31302-266-001 (PDF)
Product Specification 1600140001-000 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-160014-9001 (PDF)	Product Literature (PDF)
Application Specification AS-160014-001-001 (PDF)	

General

Product Family	Crimp Housings
Series	160014
Application	Power, Signal, Wire-to-Board
Application Tooling Part Link	200222-0100
Overview	stAK50h Connector System
Product Literature Order No	987651-5191
Product Name	stAK50h
UPC	887191923239

Physical

Circuits (maximum)	28
Color - Resin	Gray (Light)
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	SPS
Net Weight	4.846/g
Number of Rows	5
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	2.00mm min., 3.50mm max.
Polarized to Mating Part	Yes
Ports	1
Stackable	No
Temperature Range - Operating	-40° to +85°C

Electrical

Current - Maximum per Contact	12.0A, 5.0A
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Material Info

Reference - Drawing Numbers

Application Specification	AS-160014-001-001
Packaging Specification	PK-31302-266-001
Product Specification	1600140001-000, PS-160014-9001
Sales Drawing	SD-160014-0001-000, SD-160014-002-001



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

[160014 Series](#)

Mates With

[160013](#)

Use With

TE NanoMQS 0.50mm Terminal|Delphi
OCS 1.20mm Terminal|JST MSA 1.20mm
Terminal

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description

Product #

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