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Part Number: [1600280001](#)
Status: **Active**
Overview: [stAK50h Connection System](#)
Description: [stAK50h Hybrid Receptacle, 32 Circuits, Key 1, Rib Option A, Black, Bag](#)

Documents:

| | |
|--|---|
| 3D Model | Application Specification AS-160014-001-001 (PDF) |
| Drawing (PDF) | Packaging Specification PK-31302-266-001 (PDF) |
| 3D Model (PDF) | Test Summary 1600140000-TS-000 (PDF) |
| Product Specification 1600140001-000 (PDF) | Datasheet (PDF) |
| Product Specification PS-160014-9001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Application Specification 1600140001-AS-CH-000 (PDF) | |

Application tooling part link

Application Tooling Part Link [200222-0100](#)

General

| | |
|----------------|---|
| Product Family | Crimp Housings |
| Series | 160028 |
| Application | Automotive, Power, Signal, Wire-to-Board |
| Overview | stAK50h Connection System |
| Product Name | stAK50h |
| UPC | 887191924540 |

Physical

| | |
|-------------------------------|----------------|
| Circuits (maximum) | 32 |
| Color - Resin | Black |
| Gender | Receptacle |
| Glow-Wire Capable | No |
| Keying to Mating Part | Yes |
| Lock to Mating Part | Yes |
| Material - Resin | SPS |
| Net Weight | 5.360/g |
| Number of Rows | 5 |
| Packaging Type | Bag |
| Panel Mount | No |
| Pitch - Mating Interface | 2.00mm, 4.00mm |
| Pitch - Termination Interface | 2.00mm, 4.00mm |
| Polarized to Mating Part | Yes |
| Ports | 1 |
| Stackable | No |
| Temperature Range - Operating | -40° to +85°C |

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|---|
| Application Specification | 1600140001-AS-CH-000, AS-160014-001-001 |
| Packaging Specification | PK-31302-266-001 |
| Product Specification | 1600140001-000, PS-160014-9001 |
| Sales Drawing | SD-160028-0001-000, SD-160028-002-001 |
| Test Summary | 1600140000-TS-000 |



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ECHA_01_2020 (16
January 2020

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

Not Contained

Search Parts in this Series

[160028](#) Series

Mates With

stAK50h Hybrid Header [2005010321](#) ,
[2005020321](#)

Use With

TAK50 0.50mm Terminal [200096](#) or TE
NanoMQS 0.50mm Terminal
Delphi
OCS 1.20mm Terminal or 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 #

| | |
|--|----------------------------|
| Extraction Tool for stAK50h Connector System | 2002220100 |
|--|----------------------------|

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