

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **1600140003**
Status: **Active**
Overview: stAK50h Connection System
Description: stAK50h Hybrid Receptacle, 28 Circuits, Key 3, Light Gray, Bag

Documents:

| | |
|--|---|
| Drawing (PDF) | Application Specification AS-160014-001-001 (PDF) |
| 3D Model | 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 | <u>160014</u> |
| Application | Automotive, Power, Signal, Wire-to-Board |
| Overview | <u>stAK50h Connection System</u> |
| 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, 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-160014-0001-000, SD-160014-002-001 |
| 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

160014 Series

Mates With

stAK50h Infotainment Hybrid Header
160013 (Key 3)

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 | <u>2002220100</u> |
|--|-------------------|

This document was generated on 04/08/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Automotive Connectors](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[003-018-000](#) [60403001](#) [60993906-B](#) [M902-2131](#) [M902-2161](#) [72.330.1035.1](#) [73.353.4028.0](#) [F119300-B](#) [F166900](#) [F258300-B](#) [F358300-B](#)
[F407400](#) [F444110](#) [F487000](#) [F509500B-B](#) [827153-1](#) [8N1515-32-24P](#) [9-1326729-8](#) [925474-1](#) [928905-1](#) [964562-4](#) [968782-1](#) [GT17SA-8DS-](#)
[HU](#) [98891-1012](#) [98947-1016](#) [12004475-L](#) [12010290](#) [12010309-B](#) [12015454](#) [12020219-B](#) [12020308](#) [12041318-B](#) [12052225-L](#) [12052466](#)
[12059125](#) [12064869](#) [12004327-B](#) [12010503-B](#) [12015308](#) [12015384](#) [12015909](#) [1-21030-1](#) [12041254](#) [12041318](#) [12047946-B](#) [12047957](#)
[12047957-L](#) [12059473](#) [12066261](#) [12110546](#)