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Part Number: [1600280003](#)
Status: **Active**
Overview: [stAK50h Connection System](#)
Description: stAK50h Hybrid Receptacle, 32 Circuits, Key 3, Rib Option A, Dark Gray, Bag
Replacement Part Number : <http://www.molex.com/molex/search/partSearch?pQuery=&sType=p&query=16002800131600280013>

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
Replacement Part Number	1600280013
UPC	887191924564

Physical

Circuits (maximum)	32
Color - Resin	Gray (Dark)
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 [2005010323](#) ,
[2005020323](#)

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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