

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1600290012](#)  
**Status:** **Active**  
**Overview:** [stAK50h Connection System](#)  
**Description:** [stAK50h Hybrid Receptacle, 27 Circuits, Key 2, Light Green, Bag](#)

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-160014-001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification PK-31302-266-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary 1600140000-TS-000 (PDF)</a>
<a href="#">Product Specification 1600140001-000 (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification 1600140002-PS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	Crimp Housings
Series	<a href="#">160029</a>
Application	Automotive, Power, Signal, Wire-to-Board
Overview	<a href="#">stAK50h Connection System</a>
Product Name	stAK50h
UPC	193264071616

**Physical**

Circuits (maximum)	27
Color - Resin	Light Green
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	AS-160014-001-001
Packaging Specification	PK-31302-266-001
Product Specification	1600140001-000, 1600140002-PS-000
Sales Drawing	SD-160029-002-001
Test Summary	1600140000-TS-000

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

Not Relevant

ELV

Compliant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

[160029](#) Series

**Mates With**

stAK50h Hybrid Header [2005010272](#) ,  
[2005020272](#)

**Use With**

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