



Part Number : 1600140012

Series Number : 160014

Product Category : Connector Housings

Product Description : stAK50h Hybrid Receptacle, 28 Circuits, Key 2, Light Green, Bag

Status : Active

Documents & Resources

Drawings

Drawing 1600140012\_sd.pdf

Packaging Design Drawing PK-31302-266-001.pdf

3D Models and Design Files

3D Model 1600140012\_stp.zip

Specifications

Application Specification 1600140001-AS-CH-000.pdf


Application Specification AS-160014-001-001.pdf

Product Specification 1600140001-000.pdf

Test Summary 1600140000-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D

- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	Connector Housings
Series	160014
Description	stAK50h Hybrid Receptacle, 28 Circuits, Key 2, Light Green, Bag
Application	Automotive, Power, Signal, Wire-to-Board
Product Family	stAK50h Connection System
Product Name	stAK50h
UPC	193264067152

#### Physical

Circuits (maximum)	28
Color - Resin	Green (Light)
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	SPS
Net Weight	4.919/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 +105°C LV-214, -40° to +85°C GMW3191 June2012
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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
stAK50h Single Bay Infotainment Hybrid Header, 28 Circuits, Key 2, 2.50mm PC Tail Length, UL 94 HB, Gray, Tube	<u>1600136602</u>
stAK50h Vertical Hybrid Header, 28 Circuits, Key 2, Green, Tube	<u>2005010282</u>
stAK50h Right-Angle Hybrid Header, 28 Circuits, Key 2, Green, Tube	<u>2005020282</u>

### Use with Part(s)

Description	Part Number
TAK50 Unsealed Receptacle Terminals	<u>200096</u>
Use With	Aptiv OCS 1.20mm Terminal
Use With	JST MSA 1.20mm Terminal