Part Number : 1600140012
Product Description : stAK50h Hybrid Receptacle, 28 Circuits, Key 2, Light Green, Bag
Series Number : 160014
Status : Active
Product Category : Connector Housings



Documents & Resources

Drawings

1600140012_sd.pdf

PK-31302-266-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

1600140001-AS-CH-000.pdf

AS-160014-001-001.pdf

1600140002-PS-000.pdf

1600140001-000.pdf

1600140000-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant
China RoHS	per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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 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

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	1600136602
stAK50h Vertical Hybrid Header, 28 Circuits, Key 2, Green, Tube	2005010282
stAK50h Right-Angle Hybrid Header, 28 Circuits, Key 2, Green, Tube	2005020282

Use with Part(s)

Description	Part Number
TAK50 Unsealed Receptacle Terminals	200096
Use With	Aptiv OCS 1.20mm Terminal,JST MSA 1.20mm Terminal