



Part Number : [1600280011](#)
Product Description : stAK50h Hybrid
Receptacle, 32 Circuits, Key 1, Rib Option A,
Black, Bag
Series Number : 160028
Status : Active
Product Category : Connector Housings



Documents & Resources

Drawings

[Drawing 1600280011_sd.pdf](#)
[Packaging Design Drawing PK-31302-266-001.pdf](#)

3D Models and Design Files


[3D Model 1600280011_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

Part Details

General

Status	Active
Category	Connector Housings
Series	160028
Description	stAK50h Hybrid Receptacle, 32 Circuits, Key 1, Rib Option A, Black, Bag
Application	Automotive, Power, Signal, Wire-to-Board
Product Family	stAK50h Connection System
Product Name	stAK50h
UPC	193264073030

Physical

Circuits (maximum)	32
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	SPS
Net Weight	5.401/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 Vertical Hybrid Header, 32 Circuits, Key 1, Black, Tube	<u>2005010321</u>
stAK50h Right-Angle Hybrid Header, 32 Circuits, Key 1, Black, Tube	<u>2005020321</u>

Use with Part(s)

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