**Part Number :** 1600140011
**Product Description :** stAK50h Hybrid Receptacle, 28 Circuits, Key 1, Dark Gray, Bag
**Series Number :** 160014
**Status :** Active
**Product Category :** Connector Housings



## Documents and Resources

### Drawings

1600140011_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

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)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

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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

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Connector Housings |
| Series | 160014 |
| Description | stAK50h Hybrid Receptacle, 28 Circuits, Key 1, Dark Gray, Bag |
| Application | Automotive, Wire-to-Board |
| Component Type | Receptacle |
| Product Name | stAK50h |
| UPC | 193264067145 |

### Physical

| | |
|---|---|
| Circuits (maximum) | 28 |
| 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 | 4.919/g |
| Number of Rows | 5 |
| Packaging Type | Bag |
| Panel Mount | No |
| Pitch - Mating Interface | 2.00mm, 4.00mm |

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| | |
|---|---|
| Pitch - Termination Interface | 2.00mm, 4.00mm |
| Polarized to Mating Part | Yes |
| Ports | 1 |
| Sealed | Unsealed |
| Stackable | No |
| Temperature Range - Operating | -40° to +105°C LV-214, -40° to +85°C GMW3191 June2012 |
| Terminal Size | 0.5, 1.2 |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| stAK50h Single Bay Infotainment Hybrid Header, 28 Circuits, Key 1, 2.50mm PC Tail Length, UL 94 HB, Gray, Tube | 1600136601 |
| stAK50h Vertical Hybrid Header, 28 Circuits, Key 1, Dark Gray, Tube | 2005010281 |
| stAK50h Right-Angle Hybrid Header, 28 Circuits, Key 1, Dark Gray, Tube | 2005020281 |

### Use with Part(s)

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



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