# molex

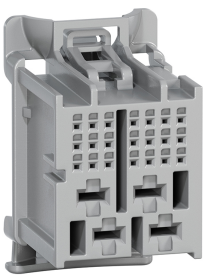**Part Number :** 1600270018

**Product Description :** stAK50h Hybrid Receptacle, 25 Circuits, Key 8, Rib Option B, Light Gray, Bag

**Series Number :** 160027

**Status :** Active

**Product Category :** Connector Housings



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## Documents & Resources

### Drawings

1600270018_sd.pdf

PK-31302-266-001.pdf

### 3D Models and Design Files

1600270018_stp.zip

### Specifications

1600140001-AS-CH-000.pdf

AS-160014-001-001.pdf

1600140002-PS-000.pdf

1600140001-000.pdf

1600140000-TS-000.pdf

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## 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 | 160027 |
| Description | stAK50h Hybrid Receptacle, 25 Circuits, Key 8, Rib Option B, Light Gray,  Bag |
| Application | Automotive, Power, Signal, Wire-to-Board |
| Product Name | stAK50h |
| UPC | 193264073566 |

### Physical

| Circuits (maximum) | 25 |
|---|---|
| Color - Resin | Gray (Light) |
| Gender | Receptacle |
| Glow-Wire Capable | No |
| Keying to Mating Part | Yes |
| Lock to Mating Part | Yes |
| Material - Resin | SPS |
| Net Weight | 5.774/g |
| Number of Rows | 5 |
| Packaging Type | Bag |
| Panel Mount | No |
| Pitch - Mating Interface | 2.00mm, 3.20mm, 7.20mm |
| Pitch - Termination Interface | 2.00mm, 3.20mm, 7.20mm |
| Polarized to Mating Part | Yes |
| Ports | 1 |

| Stackable | No |
|---|---|
| Temperature Range - Operating | -40° to +105°C LV-214, -40° to +85°C GMW3191 June2012 |

## Use with Part(s)

| Description | Part Number |
|---|---|
| TAK50 Unsealed Receptacle Terminals | 200096 |
| Use With | TE AMP MCP 2.80mm Terminal or Aptiv CTS 2.80mm Terminal |

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