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**Part Number:** [1600280013](#)  
**Status:** **Active**  
**Overview:** [stAK50h Connection System](#)  
**Description:** stAK50h Hybrid Receptacle, 32 Circuits, Key 3, Rib Option A, Dark Gray, Bag

|                                                               |                                                                   |
|---------------------------------------------------------------|-------------------------------------------------------------------|
| <b>Documents:</b>                                             |                                                                   |
| <a href="#">3D Model</a>                                      | <a href="#">Application Specification AS-160014-001-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                                | <a href="#">Packaging Specification PK-31302-266-001 (PDF)</a>    |
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Test Summary 1600140000-TS-000 (PDF)</a>              |
| <a href="#">Product Specification 1600140001-000 (PDF)</a>    | <a href="#">Datasheet (PDF)</a>                                   |
| <a href="#">Product Specification 1600140002-PS-000 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |

|                               |                                                       |
|-------------------------------|-------------------------------------------------------|
| <b>General</b>                |                                                       |
| Product Family                | Crimp Housings                                        |
| Series                        | <a href="#">160028</a>                                |
| Application                   | Automotive, Power, Signal, Wire-to-Board              |
| Overview                      | <a href="#">stAK50h Connection System</a>             |
| Product Name                  | stAK50h                                               |
| UPC                           | 193264073054                                          |
| <b>Physical</b>               |                                                       |
| Circuits (maximum)            | 32                                                    |
| 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                    | 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 |

**Material Info**

**Reference - Drawing Numbers**

|                           |                                   |
|---------------------------|-----------------------------------|
| Application Specification | AS-160014-001-001                 |
| Packaging Specification   | PK-31302-266-001                  |
| Product Specification     | 1600140001-000, 1600140002-PS-000 |
| Sales Drawing             | 1600280011-000, SD-160028-002-001 |
| Test Summary              | 1600140000-TS-000                 |



Series image - Reference only

|                                                               |                   |
|---------------------------------------------------------------|-------------------|
| <b>EU ELV</b>                                                 |                   |
| <b>Compliant</b>                                              |                   |
| <b>EU RoHS</b>                                                | <b>China RoHS</b> |
| <b>Compliant</b>                                              |                   |
| <b>REACH SVHC</b>                                             |                   |
| Not Contained Per - D(2021)4569-DC (8 July 2021)              |                   |
| <b>Halogen-Free</b>                                           |                   |
| <b>Status</b>                                                 |                   |
| <b>Low-Halogen</b>                                            |                   |
| For more information, please visit <a href="#">Contact US</a> |                   |
| China ROHS                                                    | Green Image       |
| ELV                                                           | Compliant         |
| RoHS Phthalates                                               | Not Contained     |

**Search Parts in this Series**  
[160028](#) Series

**Mates With**  
stAK50h Hybrid Header [2005010323](#) ,  
[2005020323](#)

**Use With**  
TE NanoMQS 0.50mm Terminal . Delphi  
OCS 1.20mm Terminal . JST MSA 1.20mm  
Terminal

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