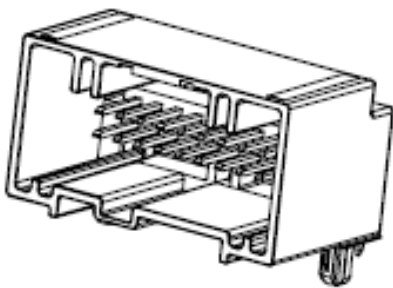




**Part Number :** [307005168](#)  
**Product Description :** 2.54mm Pitch, H-DAC 64 High Density Automotive Header, Dual Row, Right-Angle, 16 Circuits, Polarization Option 2, Black, Tray  
**Series Number :** 30700  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



Documents & Resources

**Drawings**  
[307005168\\_sd.pdf](#)  
[PK-30907-260-001.pdf](#)

**3D Models and Design Files**  
[307005168\\_stp.zip](#)

**Specifications**  
[PS-30700-0001-001.pdf](#)

Product Environment Compliance

Compliance

|                    |                                                |
|--------------------|------------------------------------------------|
| GADSL/IMDS         | Duty-To-Declare                                |
| China RoHS         | Not Relevant                                   |
| EU ELV             | Compliant per 2000/53/EC                       |
| Low-Halogen Status | Not Relevant                                   |
| REACH SVHC         | Not Contained per D(2024)6225-DC (07 Nov 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

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### Part Details

#### General

|                |                                                                                                                               |
|----------------|-------------------------------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                                        |
| Category       | PCB Headers and Receptacles                                                                                                   |
| Series         | 30700                                                                                                                         |
| Description    | 2.54mm Pitch, H-DAC 64 High Density Automotive Header, Dual Row, Right-Angle, 16 Circuits, Polarization Option 2, Black, Tray |
| Application    | Automotive, Power, Wire-to-Board                                                                                              |
| Comments       | Polarization Option 2                                                                                                         |
| Component Type | PCB Header                                                                                                                    |
| Product Name   | H-DAC 64                                                                                                                      |
| UPC            | 822348101641                                                                                                                  |

#### Electrical

|                               |         |
|-------------------------------|---------|
| Current - Maximum per Contact | 7.0A    |
| Voltage - Maximum             | 500V DC |

#### Physical

|                                |       |
|--------------------------------|-------|
| Breakaway                      | No    |
| Circuits (Loaded)              | 16    |
| Circuits (maximum)             | 16    |
| Color - Resin                  | Black |
| Durability (mating cycles max) | 10    |
| First Mate / Last Break        | No    |
| Glow-Wire Capable              | No    |
| Guide to Mating Part           | No    |
| Keying to Mating Part          | None  |
| Lock to Mating Part            | Yes   |

|                                |                      |
|--------------------------------|----------------------|
| Material - Metal               | Copper               |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Nickel               |
| Material - Resin               | Modified Polystyrene |
| Net Weight                     | 6.228/g              |
| Number of Rows                 | 2                    |
| Orientation                    | Right Angle          |
| Packaging Type                 | Tray                 |
| PC Tail Length                 | 3.69mm               |
| PCB Locator                    | Yes                  |
| PCB Retention                  | Yes                  |
| PCB Thickness - Recommended    | 1.57mm               |
| Pitch - Mating Interface       | 2.54mm               |
| Polarized to Mating Part       | Yes                  |
| Polarized to PCB               | Yes                  |
| Shrouded                       | Fully                |
| Stackable                      | No                   |
| Temperature Range - Operating  | -40° to +100°C       |
| Termination Interface Style    | Through Hole         |

## Solder Process Data

|                              |          |
|------------------------------|----------|
| Max-Duration                 | 40       |
| Lead-Free Process Capability | SMC&WAVE |
| Max-Cycle                    | 3        |
| Max-Temp                     | 260      |

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## Mates With / Use With

### Mates with Part(s)

| Description                                                                                                                                          | Part Number      |
|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| 2.54mm Pitch, 0.64mm Width H-DAC 64 High Density Automotive Connectors, Dual Row, Female Harness Assembly, 16 Circuits, Polarization Option 2, Black | <u>307001168</u> |

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This document was generated on Mar 03, 2025