



**Part Number :** [307004080](#)

**Product Description :** 2.54mm Pitch, H-DAC 64 High Density Automotive Header, Dual Row, Vertical, 8 Circuits, Polarization Option 1, Gray, Tray

**Series Number :** 30700

**Status :** Active

**Product Category :** PCB Headers and Receptacles



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## Documents and Resources

### Drawings

[307004080 sd.pdf](#)

[PK-30907-260-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

### Specifications

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

[TS-30700-0001-001.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |                                                |
|--------------------|------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 33; 44                |
| China RoHS         | Not Relevant                                   |
| EU ELV             | Compliant per 2000/53/EC                       |
| Low-Halogen Status | Not Relevant                                   |
| 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

#### 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

## 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, Vertical, 8 Circuits, Polarization Option 1, Gray, Tray |
| Application    | Automotive, Power, Wire-to-Board                                                                                         |
| Comments       | Polarization Option 1                                                                                                    |
| Component Type | PCB Header                                                                                                               |
| Product Name   | H-DAC 64                                                                                                                 |
| UPC            | 800756066646                                                                                                             |

### Electrical

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

### Physical

|                   |    |
|-------------------|----|
| Breakaway         | No |
| Circuits (Loaded) | 8  |

|                                |                      |
|--------------------------------|----------------------|
| Circuits (maximum)             | 8                    |
| Color - Resin                  | Gray                 |
| Durability (mating cycles max) | 10                   |
| First Mate / Last Break        | No                   |
| Glow-Wire Capable              | No                   |
| Guide to Mating Part           | No                   |
| Keying to Mating Part          | No                   |
| Lock to Mating Part            | Yes                  |
| Material - Metal               | Copper               |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Nickel               |
| Material - Resin               | Modified Polystyrene |
| Net Weight                     | 3.860/g              |
| Number of Rows                 | 2                    |
| Orientation                    | Vertical             |
| Packaging Type                 | Tray                 |
| PCB Locator                    | Yes                  |
| PCB Retention                  | Yes                  |
| PCB Thickness - Recommended    | 1.57mm               |
| PC Tail Length                 | 3.69mm               |
| 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, 8 Circuits, Polarization Option 1, Gray | <u>307001080</u> |

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