

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION

**Part Number:** [0307005209](#)  
**Status:** **Active**  
**Overview:** H-DAC 64™ Dual-Row High Density Automotive Connectors  
**Description:** 2.54mm Pitch, H-DAC 64 High Density Automotive Header, Dual Row, Right-Angle, 20 Circuits, Polarization Option 3, Natural, Tray

**Documents:**

[3D Model](#) [Product Specification PS-30700-0001-001 \(PDF\)](#)  
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**General**

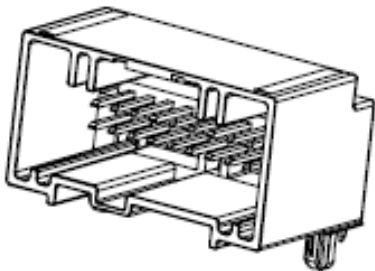
|                |                                                                       |
|----------------|-----------------------------------------------------------------------|
| Product Family | PCB Headers                                                           |
| Series         | <a href="#">30700</a>                                                 |
| Application    | Automotive, Power, Wire-to-Board                                      |
| Comments       | Polarization Option 3                                                 |
| Overview       | <a href="#">H-DAC 64™ Dual-Row High Density Automotive Connectors</a> |
| Product Name   | H-DAC 64                                                              |
| UPC            | 822348101818                                                          |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Breakaway                      | No                   |
| Circuits (Loaded)              | 20                   |
| Circuits (maximum)             | 20                   |
| Color - Resin                  | Natural              |
| 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                     | 7.128/g              |
| Number of Rows                 | 2                    |
| Orientation                    | Right Angle          |
| PC Tail Length                 | 3.69mm               |
| PCB Locator                    | Yes                  |
| PCB Retention                  | Yes                  |
| PCB Thickness - Recommended    | 1.57mm               |
| Packaging Type                 | Tray                 |
| Pitch - Mating Interface       | 2.54mm               |
| Polarized to Mating Part       | Yes                  |
| Polarized to PCB               | Yes                  |
| Shrouded                       | Fully                |
| Stackable                      | No                   |
| Surface Mount Compatible (SMC) | No                   |
| Temperature Range - Operating  | -40° to +100°C       |
| Termination Interface: Style   | Through Hole         |

**Electrical**

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



Series image - Reference only

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
ED/71/2019 (16 July  
2019)

**Halogen-Free**

**Status**

**Not Relevant**

For more information, please visit [Contact US](#)

|                 |               |
|-----------------|---------------|
| China ROHS      | Not Relevant  |
| ELV             | Compliant     |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[30700 Series](#)

**Mates With**

H-DAC 64 Housing [307001209](#)

**Solder Process Data**

|                                                |          |
|------------------------------------------------|----------|
| Duration at Max. Process Temperature (seconds) | 040      |
| Lead-freeProcess Capability                    | SMC&WAVE |
| Max. Cycles at Max. Process Temperature        | 003      |
| Process Temperature max. C                     | 260      |

**Material Info**

**Reference - Drawing Numbers**

|                       |                   |
|-----------------------|-------------------|
| Product Specification | PS-30700-0001-001 |
| Sales Drawing         | SD-30700-520      |

This document was generated on 04/14/2020

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

30700-5209